

# Arizona State University

## Academic Catalog Archive Addendum

### 2009-2010

This document is a supplement of the Academic Catalog Archive 2009-2010 published in August 2009. It is the record of programs that were established, disestablished, or experienced name changes since the publication of the Academic Catalog Archive 2009-2010. It also contains additional programs that were not provided within the Academic Catalog Archive 2009-2010 because program information was unavailable at the time of publication.

This addendum is a printable publication for accreditation organizations, agencies and university offices for data collection, evaluation purposes and referencing. Academic advisors, faculty and current students should refer to the online version of the academic catalog.

To navigate this document version of the Academic Catalog Addendum 2009-10, refer to the Table of Contents and the bookmarks provided. Established undergraduate degrees have a corresponding major map that includes the critical requirements, order of courses and grade requirements for that degree. The major maps are provided in the final section of this document.

For inquiries or questions please contact [academic.catalog@asu.edu](mailto:academic.catalog@asu.edu).



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## Undergraduate Programs

### Undergraduate Degrees

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**Agribusiness (Agribusiness Science), B.S. (AGAGBPBS). Rename. Fall 2009.**

W. P. Carey School of Business

Campus: Polytechnic

#### **Program Description**

The B.S. in agribusiness, with a concentration in agribusiness science, is a unique program offering students an opportunity to prepare for a variety of science-based careers in the broad agribusiness sector of the economy. Building upon a foundation of course work in chemistry and biology, students complete a curriculum leading to careers and opportunities for further study. Some students may apply to colleges of veterinary medicine. Others may seek to apply their science knowledge in the human or veterinary pharmaceutical industry or in the food industry focusing on processing, production and food safety.

Additional Program Fee: Yes

Second Language Requirement: No

Minimum Math Requirement: MAT 210 - Brief Calculus

#### **Career Opportunities**

Doctors of Veterinary Medicine enjoy a vast spectrum of career opportunities, including private practice, biotechnology research, and positions in federal and state governmental agencies. Food science professionals create, improve, and provide for the safety of food products through their work in the food processing industry, universities, or the federal government.

#### **Contact Information**

Morrison School of Agribusiness and Resource Mgmt | PRLTA 330  
morrisonsschool@asu.edu | 480/727-1585

**Agribusiness (Finance), B.S. (AGAGBNBS). Disestablished. Fall 2009.**

**Agribusiness (Food Agribusiness, and Consumer Products Marketing), B.S. (AGAGBDBS).  
Disestablished. Fall 2009.**

**Agribusiness (Food Science), B.S. (AGAGBFBS). Disestablished. Fall 2009.**

**Agribusiness (Golf and Facilities Management), B.S. (AGAGBCBS). Disestablished. Fall 2009.**

**Agribusiness (International Agribusiness), B.S. (AGAGBFBS). Disestablished. Fall 2009.**

**Applied Science (Alternative Energy Technology), B.A.S (TSEETABAS). Disestablished. Fall 2009.**

**Applied Science (Aviation Maintenance Management), B.A.S (TSAMTMBAS). Disestablished. Fall 2009.**

**Applied Science (Computer Systems Administration), B.A.S (TSEETCBAS). Disestablished. Fall 2009.**

**Applied Science (Consumer Products Technology), B.A.S (AGCPTBAS). Disestablished. Fall 2009.**

**Applied Science (Cyber Security), B.A.S (TSCSTSBAS). Disestablished. Fall 2009.**

**Applied Science (Digital Media Management), B.A.S (TSIMCMBAS). Disestablished. Fall 2009.**

**Applied Science (Digital Publishing), B.A.S (TSIMCPBAS). Disestablished. Fall 2009.**

**Applied Science (Fire Service Management), B.A.S (TSIMCFBAS). Disestablished. Fall 2009.**

**Applied Science (Food Retail Management), B.A.S (AGAGBFBAS). Disestablished. Fall 2009.**

**Applied Science (Instrumentation), B.A.S (TSEETIBAS). Disestablished. Fall 2009.**

**Applied Science (Law Enforcement Management), B.A.S (TSLEMBAS). Disestablished. Fall 2009.**

**Applied Science (Materials Joining and Manufacturing Technology), B.A.S (TSMETJBAS).  
Disestablished. Fall 2009.**

**Applied Science (Municipal Operations Management), B.A.S (TSIMCUBAS). Disestablished. Fall 2009.**

**Applied Science (Semiconductor Technology), B.A.S (TSEETSBAS). Disestablished. Fall 2009.**

**Applied Science (Software Technology Applications), B.A.S (TSEETMBAS/ TSEETWBAS).  
Disestablished. Fall 2009.**

**Applied Science (Technical Communications), B.A.S (LSTECBAS/ECTECBAS). Name change. Fall 2009.**

School of Letters & Sciences

Campus: Polytechnic

**Program Description**

The B.A.S. is a flexible degree plan designed specifically for students who have earned an A.A.S. from a regionally accredited institution. This major combines the technical experience gained in the student's associate degree program with a broader education of management, leadership, critical thinking and communication skills.

Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication concentration, students learn how to produce, design and manage information using both traditional and developing technologies.

Students from western states who select this major may be eligible for a reduced nonresident tuition rate at a tuition rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program Web site.

Additional Program Fee: No

Second Language Requirement: No

Career Opportunities

The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25 percent over the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers. Students in the program will prepare for careers as:

Desktop publishers.

Information designers.

Multimedia designers.

Publications managers.

Technical editors.

Technical writers.

Web page and intranet page designers.

**Admission Requirements**

Students applying to this program must have completed an Associate of Applied Science (A.A.S.) degree from a regionally accredited institution. Not available for freshmen.

**Contact Information**

School of Letters and Sciences | SANCA 230

sls@asu.edu | 480/727-1526

**Applied Science (Technology Graphics), B.A.S (TSIMCTBAS). Disestablished. Fall 2009.**

**Applied Science (Wellness), BAS (ECEXWBAS). Spring 2010.**

Not accepting applications.

**Asia Studies (East Asia), B.A. (LAHSTEABA). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

The interdisciplinary B.A. in Asia studies offers students the opportunity to study South, Southeast Asia, or East Asia in depth through a coherent concentration of academic study across a number of disciplines. The interdisciplinary approach will prepare students to deploy a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings. Students will identify which concentration (South, Southeast or East Asia) they will pursue.

The concentration in East Asia focuses on China, Japan, Korea and Taiwan.

Additional Program Fee: No

Second Language Requirement: Yes

Minimum Math Requirement: MAT 142 - College Mathematics

**Career Opportunities**

People knowledgeable about Asia will be required in virtually every arena in which America interacts with the rest of the world, including diplomacy, law, trade, journalism, higher education, tourism, technology transfer, food security, philanthropy, humanitarian service, transportation, communication, international organizations, law enforcement, intelligence and the military.

**Contact Information**

Historical, Philosophical & Religious Studies, Sch | COOR 3309

SHPRSadvising@asu.edu | 480/965-8364

### **Asia Studies (South Asia), B.A. (LAHSTSABA). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

The interdisciplinary B.A. in Asia studies offers students the opportunity to study South, Southeast Asia, or East Asia in depth through a coherent concentration of academic study across a number of disciplines. The interdisciplinary approach will prepare students to deploy a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings. Students will identify which concentration (South, Southeast or East Asia) they will pursue.

The concentration in South Asia focuses on India, Pakistan, Bangladesh and other South Asian states and societies.

Additional Program Fee: No

Second Language Requirement: Yes

Minimum Math Requirement: MAT 142 - College Mathematics

**Career Opportunities**

People knowledgeable about Asia will be required in virtually every arena in which America interacts with the rest of the world, including diplomacy, law, trade, journalism, higher education, tourism, technology transfer, food security, philanthropy, humanitarian service, transportation, communication, international organizations, law enforcement, intelligence and the military.

**Contact Information**

Historical, Philosophical & Religious Studies, Sch | COOR 3309

SHPRSadvising@asu.edu | 480/965-8364

### **Asia Studies (Southeast Asia), B.A. (LAHSTSEABA). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

The interdisciplinary B.A. in Asia studies offers students the opportunity to study South, Southeast Asia, or East Asia in depth through a coherent concentration of academic study across a number of disciplines. The interdisciplinary approach will prepare students to deploy a variety of intellectual tools to address contemporary political, social and cultural issues in Asia and to apply their knowledge in various academic and practical settings. Students will identify which concentration (South, Southeast or East Asia) they will pursue.

The concentration in South Asia focuses on Burma/Myanmar, Thailand, Laos, Cambodia, Vietnam, Malaysia, Singapore, Indonesia, Brunei, East Timor, and the Philippines.

Additional Program Fee: No

Second Language Requirement: Yes

Minimum Math Requirement: MAT 142 - College Mathematics

**Career Opportunities**

People knowledgeable about Asia will be required in virtually every arena in which America interacts with the rest of the world, including diplomacy, law, trade, journalism, higher education, tourism, technology transfer, food security, philanthropy, humanitarian service, transportation, communication, international organizations, law enforcement, intelligence and the military.

**Contact Information**

Historical, Philosophical & Religious Studies, Sch | COOR 3309

SHPRSadvising@asu.edu | 480/965-8364

### **Biomedical Informatics, B.S. (ESBMIBS). Established. Fall 2009.**

School of Letters & Sciences

Campus: Downtown Phoenix

Not accepting applications.

**Program Description**



Biomedical science, health-care delivery and public health increasingly rely on multidisciplinary expertise, many diverse sources of data, and complex interactions and collaborations to perform their tasks. The role of biomedical informatics, the field in which computer science, information technology, probabilistic reasoning, cognitive science, and other quantitative and technical methods and skills are applied to biomedicine and health-care delivery, is increasingly recognized as essential for progress. The proposed program will educate undergraduate students in the informatics knowledge and skills that will enable them to 1) be effective contributors to the informatics aspects of biomedical sciences, technology development, health-care delivery, and business sectors related to commercialization of the above, or 2) be prepared to enter graduate programs in biomedical informatics to equip them to assume leadership positions in these fields.

Additional Program Fee: Yes

Second Language Requirement: No

Minimum Math Requirement: MAT 251 - Calculus for Life Sciences

#### **Career Opportunities**

The B.S. in biomedical informatics will produce graduates who will contribute to the workforce nationwide. Current employers report a need for biomedical informaticians at the bachelor's level in such job titles as:

- Actuarial services analyst.
- Actuarial services manager.
- Clinical informatics specialist.
- Decision support analyst.
- Encounter data analyst.
- Health plan performance analyst.
- Population health analyst.
- Program evaluator.
- Program research analyst.
- Quality improvement analyst.

Students with a wide range of interests will be attracted to this program. Some may see this program as a unique way to combine their interest in life sciences and technology. Others may find this degree the first step toward medical school or advanced medical research or to continued graduate-level study in biomedical informatics.

#### **Admission Requirements**

The admission requirements for majors in the Ira A. Fulton School of Engineering are higher than minimum university admission requirements. Students should select a second major choice outside engineering when applying for admission. Students who are not eligible for admission to engineering and who do not indicate a second major choice will be placed in exploratory mathematics, physical sciences, engineering and technology within University College.

International students may have an additional English-language proficiency criterion. Foreign nationals must meet the same admission requirements shown below with the possible additional requirement of a minimum TOEFL score. If the university requires a TOEFL score from the applicant, (see <http://students.asu.edu/international-admission>) then admission to engineering requires a minimum TOEFL score of 550 (paper-based), 213 (computer-based), 79 on iBT (Internet-based) or a minimum IELTS score of 6.5.

Freshman Admission:

Minimum 1140 SAT combined math and verbal or minimum 24 ACT combined score; or 3.00 minimum ABOR GPA; or class ranking in top 25 percent of high school class.

No high school math or science competency deficiencies.

Transfer students with fewer than 24 transferable college credit hours:

Minimum transfer GPA of 3.00 for less than 24 transfer hours.

No high school math or science competency deficiencies.

Minimum 1140 SAT combined math and verbal or minimum 24 ACT combined score, or 3.00 minimum ABOR GPA, or class ranking in top 25 percent of high school class.

Transfer students with more than 24 transferable college credit hours:

Minimum transfer GPA of 3.00 for 24 or more transfer hours, and

No high school math or science competency deficiencies (if Undergraduate Admissions requires submission of a high school transcript).

#### **Contact Information**

Biomedical Informatics Program | ABC1

[bmi@asu.edu](mailto:bmi@asu.edu) | 6028272537

### **Business (Global Politics), B.A. (BABUSGPBA). Established. Fall 2009.**

W. P. Carey School of Business

Campus: Tempe

#### **Program Description**

The program incorporates solid business skills and global understanding in order to prepare students to realize and analyze the relationship between business and social science. Students in this program will complete the rigorous courses within the global politics concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Yes

Second Language Requirement: No

Minimum Math Requirement: MAT 210 - Brief Calculus

#### **Career Opportunities**



Students completing the global politics concentration will think critically about global problems and integrate inquiry and action in order to become responsible leaders. These students will be prepared to successfully launch careers in many fields including public relations, information analysis, and campaign and issue management.

#### **Admission Requirements**

Freshman and transfer students must submit either an SAT Reasoning test score or an ACT test score by the end of the first semester in the program (we do not require the writing portion of these tests). There is no minimum score requirement.

Freshman admission requirements for this program are the same as the university's freshman admission requirements.

Transfer applicants must have a 3.00 GPA for all transfer work and meet university transfer admission requirements. Transfer students must select an additional major, which must be outside W. P. Carey School of Business, when applying for admission. Applicants not meeting requirements for this program but who do meet university minimum requirements for transfer studies will be admitted to their second choice.

#### **Contact Information**

W. P. Carey School of Business | BA 109  
wpcareyug@asu.edu | 480/965-4227

### **Business (Law), B.A. (BABUSLBA). Established. Fall 2009.**

W. P. Carey School of Business

Campus: Tempe

#### **Program Description**

The B.A. in business with a concentration in law is an innovative, interdisciplinary program intended to prepare students for positions in a variety of professions where business and law play an important role in ensuring success. Coupled with a strong business background, the law concentration will give students a systematic framework for analyzing real-world legal regulation and corresponding business risks and liabilities. Students in this program will complete rigorous courses within the law concentration in addition to the skill and core courses required of all W. P. Carey School of Business majors.

Additional Program Fee: Yes

Second Language Requirement: No

#### **Career Opportunities**

The law concentration is designed to expose students who will pursue careers in the business world to aspects of law and legal issues relevant to their career goals. Graduates of this program will be prepared to use their skills in a variety of industries ranging from new business ventures to corporate or agency compliance.

#### **Contact Information**

W. P. Carey School of Business | BA 109  
wpcareyug@asu.edu | 480/965-4227

### **Elementary Education (Indigenous Teacher Program), B.A.E (EDIEDBAE). Disestablished. Summer 2009.**

### **Film (Film Making Practices), B.A. (FAFPRBA). Established. Fall 2009.**

Herberger Institute for Design and the Arts

Campus: Tempe

#### **Program Description**

A B.A. in film with a concentration in filmmaking practices provides students with a comprehensive film education within the context of the liberal arts while offering specialty course work in the following areas: performance, design and production, new work development, and film and media production.

Students pursuing the filmmaking practices concentration of the B.A. in film receive grounding in production practice, independent film producing, entertainment ethics and an understanding of the role of the artist in society. Students are encouraged to participate in the production-oriented environment of the Herberger Institute for Design and the Arts. The curriculum's course work in ethics in entertainment and dramatic analysis are two unique components of the program.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

#### **Career Opportunities**

The filmmaking practices concentration provides students with the knowledge and experience to prepare them to enter entry level positions in media and entertainment production, producing and film management or to enter advanced graduate-level education.

#### **Degree Requirements**

All successful applicants to the Herberger Institute for Design and the Arts of the Arts B.A. in film begin their studies at ASU in the filmmaking practices concentration. All students complete the same 18-hour film, core requirements in their first two years of study.

#### **Admission Requirements**

Students interested in pursuing the highly-selective, studio-based film and media production concentration must achieve a 3.00 GPA or higher in the film core and a cumulative ASU GPA of 2.50 to interview for the concentration. They must also interview and submit a portfolio for review in the semester in which they are completing the core.

#### **Contact Information**

### **Geological Sciences, B.S. (LAGLGBS).**

Not accepting applications.

### **Health Sciences (Health Policy), B.S. (NUHSCHPBS). Established. Spring 2010.**

College of Nursing & Health Innovation

Campus: Downtown Phoenix

#### **Program Description**

The B.S. in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field and/or continue their education in discipline-specific programs. Students will complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness. The program includes three unique concentrations: pre-professional, healthy lifestyle coaching and health policy.

The health policy concentration is targeted toward students interested in the community policy aspects of disease prevention and health promotion. The continuum of health care now spans a diverse array of health providers ranging from private practitioner offices and outpatient care centers to residential care facilities and acute care hospitals. Key to the enhancement of health care within the U.S. is the development and implementation of innovative, cost effective and universally accessible programs. Students in this concentration will be required to complete a supervised practicum, providing hands-on experience within their field of interest. Students may also wish to consider using their electives to complete a minor in nonprofit administration, which requires a total of 15 credits.

A request for additional tuition charges for upper division students in the college has been submitted and is under review. If approved, additional cost for upper division students will be effective beginning fall 2010.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

#### **Career Opportunities**

Career Opportunities are available in city, county, and/or state departments of health, with additional employment opportunities in the health insurance industry, non-profit sector, and within various corporate entities providing healthcare.

#### **Contact Information**

College of Nursing & Health Innovation | SUTON 340

NEWHS@asu.edu | 480/727-1728

### **Health Sciences (Healthy Lifestyles Coaching), B.S. (NUHSCHLCBS). Established. Spring 2010.**

College of Nursing & Health Innovation

Campus: Downtown Phoenix

#### **Program Description**

The B.S. in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field and/or continue their education in discipline-specific programs. Students will complete a complement of core courses that emphasize ethics, communication skills, critical thinking, and cultural awareness. The program includes three unique concentrations: pre-professional, healthy lifestyle coaching, and health policy.

The healthy lifestyles coaching concentration is targeted towards students who have a broad interest in health education and are seeking immediate employment in the community health education/health promotion field.

A request for additional tuition charges for upper division students in the college has been submitted and is under review. If approved, additional cost for upper division students will be effective beginning fall 2010.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

#### **Career Opportunities**

Career options include positions such as health/patient educator; elder service/congregate meal program coordinator; women, infants and children/community nutrition aide; school health and nutrition program specialist; and healthy start coordinator.

#### **Contact Information**

College of Nursing & Health Innovation | SUTON 340

NEWHS@asu.edu | 480/727-1728

### **Health Sciences (Pre-professional), B.S. (NUHSCPREBS). Established. Spring 2010.**

College of Nursing & Health Innovation

Campus: Downtown Phoenix

#### **Program Description**

The B.S. in health sciences is designed to provide the academic knowledge and skills to allow students to move directly into a range of employment opportunities within the health field and/or continue their education in discipline-specific programs. Students will complete a complement of core courses that emphasize ethics, communication skills, critical thinking and cultural awareness. The program includes three unique concentrations: pre-professional, healthy lifestyle coaching and health policy.

The pre-professional concentration is targeted towards students planning on entering medical, dental, osteopathic, physical therapy, veterinary, pharmacy and similar professional schools. In addition to a comprehensive core of basic science courses, the concentration is unique in that it will provide a solid base in ethics, communication, the evaluation of research (the cornerstone of evidence-based practice) and healthy lifestyles (the foundation of health promotion and chronic disease risk reduction avenues of health care), including the role of complementary and alternative care within the U.S. health care system. Students will also have the ability to incorporate electives that contribute to their knowledge of and sensitivity to the needs of populations impacted by health disparities.

A request for additional tuition charges for upper division students in the college has been submitted and is under review. If approved, additional cost for upper division students will be effective beginning fall 2010.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 210 - Brief Calculus

**Career Opportunities**

If not entering an advanced degree program in the medical field, employment opportunities include laboratory scientist, health officer, clinical research coordinator, and sales/marketing representative for pharmaceutical and/or medical device companies.

**Contact Information**

College of Nursing & Health Innovation | SUTON 340

NEWHS@asu.edu | 4807271728

**Interdisciplinary Studies (Management Communication), B.I.S (LSMGTCBIS). Established. Fall 2009.**

School of Letters & Sciences

Campus: Downtown Phoenix

This program is not currently accepting applications.

**Program Description**

Applications for this degree program are not currently being accepted.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

**Admission Requirements**

Students who have completed at least 30 hours of transferable college coursework and meet minimum university transfer admission requirements are eligible for admission; first-time freshman are not eligible.

**Contact Information**

School of Letters and Sciences | UASB 203

sls@asu.edu | 480/965-1970

**International Letters & Cultures (Classics), B.A. (LASLCCBA). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

The B.A. in international letters and cultures with a concentration in classics allows students to pursue a traditional degree in classics in a non-traditional way. Students are expected to acquire the traditional skills in the core ancient languages and history (with an emphasis in either ancient Greek or Latin language), but they are also asked to seek out courses in several departments across the university and tailor their degree to whatever aspect of classical scholarship appeals to them. This classics degree, therefore, encourages academic enterprise and intellectual and cultural diversity among individual students.

Additional Program Fee: No

Second Language Requirement: Yes

Minimum Math Requirement: MAT 142 - College Mathematics

**Career Opportunities**

The reasoning, research, language, and analysis skills developed in study of the classics are well suited for many careers, particularly in law, business, or education.

**Contact Information**

School of International Letters and Cultures | LL 440

silcadvising@asu.edu | 4809656281

**Legal Studies, B.S. (LWLAWBS). Established. Fall 2009.**

Sandra Day O'Connor College of Law

Campus: Online

Not accepting applications. Inactive.

**Program Description**

The Bachelor of Science in legal studies offers students the practical theory and skills-based knowledge to succeed in today.

Not accepting applications.

Additional Program Fee: No

Second Language Requirement: No

### **Career Opportunities**

An undergraduate degree in legal studies prepares graduates for careers in the ever-expanding legal marketplace, both in the public and private sectors and in domestic and international workplaces. Whether as a legal assistant, paralegal, court representative, law firm administrator, compliance officer, legislative assistant, social worker, or other law-related professional, the B.S.L.S. will give students the skills to excel and succeed in the wide range of fields touched by law. This degree program is not intended as preparation for law school.

### **Contact Information**

Sandra Day O'Connor College of Law | LAW  
BSLSProgram@asu.edu | 4809656181

### **Parks & Recreation Management (Therapeutic Recreation), B.S. (PPRMTRBS). Established. Fall 2009.**

College of Public Programs  
Campus: Downtown Phoenix

### **Program Description**

The B.S. in parks and recreation management with a concentration in therapeutic recreation is the only program in Arizona that prepares students for national professional certification in therapeutic recreation. The program is designed for students who have an interest in providing therapeutic interventions and adaptive recreation services for individuals with social problems, illnesses and disabling conditions. Students who choose this concentration are truly committed to improving people's lives and contributing to their communities.

Students from western states who select this major may be eligible for a reduced nonresident tuition rate at a tuition rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program Web site.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

### **Career Opportunities**

There are a range of job opportunities for therapeutic recreation professionals ranging from clinical settings such as hospitals and nursing homes to adventure programming for youth-at-risk and people with disabilities.

### **Contact Information**

School of Community Resources and Development | UCENT 550  
scred@asu.edu | 6024960550

### **Physics, B.A. (LAPHYBA). Established. Spring 2010.**

College of Liberal Arts and Sciences  
Campus: Tempe

### **Program Description**

Physics is concerned with the nature, structure and interactions of matter and radiation. The B.A. in physics provides a flexible and efficient option for students who are interested in a liberal arts degree with broad knowledge of physics and at least one other area. This degree program is ideal for students seeking to complete two degrees with physics as the second degree. Students wishing to pursue a graduate degree in physics are advised to consider the B.S. in physics.

Additional Program Fee: No

Second Language Requirement: Yes

Minimum Math Requirement: MAT 270 - Calculus w/Analytic Geometry I

### **Career Opportunities**

Students graduating with a B.A. degree in physics may pursue such careers as health physicist, medical doctor (with additional pre-medical course work), lawyer, patent attorney, physical therapist, radiation physicist, research/lab assistant, science policy analyst, secondary science teacher or technology support analyst.

### **Contact Information**

Department of Physics | PSF 470  
physics.info@asu.edu | 480/965-3561

### **Recreation and Tourism Management, B.S. (HSRECBS). Disestablished. Fall 2009.**

### **Selected Studies, BAE (EDSLSTBAE).**

Program information not available at time of publication.

Not accepting applications.

Contact Information:

College of Teacher Education and Leadership  
<http://ctel.asu.edu/programs/>  
FAB S5251A  
602/543-6445

**Secondary Education (Social Studies), B.A.E (TESSTBAE). Disestablished. Fall 2009.**

**Technical Communication, B.S. (ECTECBS). Name change. Fall 2009.**

**Technical Communication, B.S. (LSTECBS). Name change. Fall 2009.**

School of Letters & Sciences

Campus: Online, Polytechnic

**Program Description**

The B.S. in technical communication is the only undergraduate technical communication degree program available in the state of Arizona. Technical communication is applied workplace communication that makes technical information understandable and available to many audiences. In the technical communication program, students learn how to produce, design and manage information using both traditional and developing technologies.

Students from western states who select this major at the Polytechnic campus may be eligible for a reduced nonresident tuition rate at a tuition rate of 150 percent of Arizona resident tuition plus all applicable fees. See more information and eligibility requirements on the Western Undergraduate Exchange (WUE) program Web site.

Additional Program Fee: No

Second Language Requirement: No

Minimum Math Requirement: MAT 142 - College Mathematics

**Career Opportunities**

The Bureau of Labor Statistics estimates the need for writers and editors will increase by 25 percent over the next five years. Software and electronics companies, media corporations, financial institutions, government agencies, nonprofits and other areas will see an increased demand for writers. Students in the program will prepare for careers as:

- Desktop publishers.
- Information designers.
- Multimedia designers.
- Publications managers.
- Technical editors.
- Technical writers.
- Web page and intranet page designers.

**Contact Information**

School of Letters & Sciences | SANCA 230

sls@asu.edu | 4807271526

## Minors

**Astronomy, Minor (LAASTMIN). Transfer of a minor. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Description**

The astronomy minor is designed for students interested in developing a basic understanding of astronomy and astrophysics and analyzing issues through a scientific viewpoint. A minimum of 24 hours of AST and related courses are required, including 8 hours of upper-division electives to be chosen after consultation with an academic advisor.

**Program Requirements**

The minor in astronomy consists of a minimum of 24 credit hours. At least 12 credit hours must be in upper-division courses. Required courses:

- AST 113 Astronomy Laboratory I, SQ (1)\*
- AST 114 Astronomy Laboratory II, SQ (1)\*\*
- AST 321 Introduction to Planetary and Stellar Astrophysics, SQ (3)\*
- AST 322 Introduction to Galactic and Extragalactic Astrophysics, SQ (3)\*\*

Choose between the course combinations below:

- PHY 150 Physics I, SQ (4) or
- PHY 121 University Physics I: Mechanics, SQ (3)\*\*\* and PHY 122 University Physics Laboratory I SQ (1)\*\*\*

and

- PHY 151 Physics II, SQ (4) or
- PHY 131 University Physics II: Electricity and Magnetism, SQ (3)\*\*\*\* and PHY 132 University Physics Laboratory II SQ (1)\*\*\*\*

or

- PHY 252 Physics III, SQ (4)

Eight credit hours of electives are chosen with approval of an astronomy advisor from upper division courses in physics and astronomy.

- \*Both AST 113 and 321 must be taken to secure SQ credit.
- \*\*Both AST 114 and 322 must be taken to secure SQ credit.
- \*\*\*Both PHY 121 and 122 must be taken to secure SQ credit.
- \*\*\*\*Both PHY 131 and 132 must be taken to secure SQ credit.

#### **Enrollment Requirements**

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if:

The college and/or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met.

The college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.

Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor.

Inappropriate combinations include (but are not limited to) ones in which an excessive number of courses in the minor are simultaneously being used to fulfill requirements of the student's major. Please contact the department for more information: <http://sese.asu.edu/students>.

#### **Contact Information**

School of Earth and Space Exploration | PS F686

[seseinfo@asu.edu](mailto:seseinfo@asu.edu) | 4809655081

### **Chemistry, Minor (ASCHMMIN). Established. Fall 2008.**

College of Liberal Arts and Sciences

Campus: Tempe

#### **Description**

The chemistry minor is designed to give students majoring in other disciplines a solid grounding in the basics of chemistry in order to complement their major degree. It is especially appropriate for majors in the various disciplines of physics, materials science, geology, engineering and life sciences.

#### **Program Requirements**

A minor in chemistry is awarded to students who complete a minimum 24 credit hours. The following courses are required:

CHM 113 General Chemistry I, SQ (4)

CHM 116 General Chemistry II, SQ (4)

CHM 325 Analytical Chemistry (3)

CHM 326 Analytical Chemistry Laboratory (1)

Choose between the course combinations (8 credit hours):

BCH 361 Principles of Biochemistry (3)

BCH 367 Elementary Biochemistry Laboratory (1)

CHM 231 Elementary Organic Chemistry, SQ (3)

CHM 235 Elementary Organic Chemistry Laboratory, SQ (1)

--- or ---

CHM 233 General Organic Chemistry I (3)

CHM 234 General Organic Chemistry II (3)

CHM 237 General Organic Chemistry Laboratory I (1)

CHM 238 General Organic Chemistry Laboratory II (1)

Choose between the course combinations below (4 or 8 credit hours):

CHM 341 Elementary Physical Chemistry (3)

CHM 343 Physical Chemistry Laboratory (1)

--- or ---

CHM 345 Physical Chemistry I (3)

CHM 346 Physical Chemistry II (3)

CHM 348 Physical Chemistry Laboratory I (1)

CHM 349 Physical Chemistry Laboratory II (1)

A minimum grade of "C" (2.00 on a scale of 4.00) is required for each of the courses in the minor. A minimum of 12 upper division credit hours are required to complete this minor. Therefore, students who choose some options above must complete additional upper division CHM electives.

#### **Enrollment Requirements**

Students in most majors may pursue one or more minors and, upon successful completion of the prescribed course work, have that accomplishment officially recognized on the ASU transcript at graduation if:

The college and/or department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met.

The college (and, in certain colleges, the department) of the student's major allows the official recognition of the minor.

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken. The student should also consult with an academic advisor in the college or department of his or her major to make sure the college or department of the major allows the recognition of the minor.



Note: Certain major and minor combinations may be deemed inappropriate either by the college or department of the major or minor. Inappropriate combinations include (but are not limited to) ones in which an excessive number of courses in the minor are simultaneously being used to fulfill requirements of the student's major. Please contact the department for more information:  
<http://chemistry.asu.edu/undergrad/programIntro.asp>.

**Contact Information**

Department of Chemistry and Biochemistry | PS D102 [chmugadv@asu.edu](mailto:chmugadv@asu.edu) | 4809653461

**Criminology and Criminal Justice, Minor (PPCRJMIN). Established. Fall 2009.**

College of Public Programs

**Description**

The minor in Criminology and Criminal Justice allows students in other undergraduate programs at ASU to explore issues of crime, law and the criminal justice system. The minor provides students with the tools to analyze complex issues and policies within the criminal justice system, enhancing students' ability to understand the nature of crime and the system response to law breaking. In addition to the three required courses, which provide a solid understanding of the field, each student will be able to select electives to meet his or her specific interests. Students should meet with a School of Criminology and Criminal Justice advisor prior to registration.

**Program Requirements**

The requirements for the minor include the following:

Complete a minimum of 18 hours of course work.

A minimum of nine hours for the minor must be taken in the School of Criminology and Criminal Justice at ASU.

Earn a grade of "C" (2.00) or better in each course.

**Enrollment Requirements**

Required Courses

CRJ 100 The Justice System (3)

CRJ 230 The Police Function (3) or CRJ 240 The Correctional Function (3)

CRJ 360 Substantive Criminal Law (3)

Three upper-division CRJ courses must be selected from the 300- and 400-level courses (9)

**Contact Information**

School of Criminology and Criminal Justice | UCENT 600

[sscj@asu.edu](mailto:sscj@asu.edu) | 602/496-2369

**Film and Video Studies (Film), Minor (ASFILMIN).**

Not accepting applications.

**Film and Video Studies (Media), Minor (ASVIDMIN).**

Not accepting applications.

**Global Health, Minor (LASSHMIN). Established. Spring 2010.**

College of Liberal Arts and Sciences

Campus: Tempe

**Description**

The minor in global health is an interdisciplinary program designed for students who seek a broad and flexible set of skills for understanding contemporary health challenges and thinking about how they might best be solved. "Global" is understood in the anthropological sense, meaning ways of understanding and addressing disease, health and well-being that can incorporate all cultures, places and time, and that can integrate knowledge of health's social, historical, biological and ecological dimensions.

**Program Requirements**

The minor is comprised of 18 credit hours. Students must complete an approved global health study abroad experience to complete the minor requirements.

**Enrollment Requirements**

Students must speak with an advisor in the School of Human Evolution and Social Change to declare a minor.

**Contact Information**

School of Human Evolution & Social Change | SHESC 233

[Shesc.undergrad@asu.edu](mailto:Shesc.undergrad@asu.edu) | 602/965-6215

**Interdisciplinary Arts & Performance, Minor (ASIAPMIN).**

Not accepting applications.

**Military Leadership, Minor (LAMISMIN). Established. Spring 2010.**

No information available.



**Recreation Management, Minor (PPRECMIN). Disestablished. No plan code was established during conversion. Fall 2009.**

**Tourism Management, Minor (HSTOUMIN). Disestablished. Fall 2009.**

## **Undergraduate Certificates**

**American Indian Studies, Certificate (LAAISCERT). Disestablished. Fall 2009.**

**Fire Service Management, Certificate (TSIMCFCERT). Disestablished. Fall 2009.**

**Post-Bachelor's Artist Diploma, Certificate (FAPBARTDCE). Disestablished. Fall 2009.**

**Quality Analysis, Certificate (BAQBABCERT (majors)). Disestablished. Fall 2009.**

**Quality Analysis, Certificate (BAQBANCERT (non-majors)). Disestablished. Fall 2009.**

**Socio-Legal Studies, Certificate (LASLSTCERT/LASLSTGERT). Established. Fall 2009.**

College of Liberal Arts and Sciences

### **Description**

The undergraduate certificate in socio-legal studies offers a model for educating and training students in the study of legal ideas, institutions and practices from the perspectives of the social sciences, law, and the humanities. The distinction between law "on the books" and law "in action," which refers to how people experience law in their everyday lives, is a cornerstone of the certificate program. Course work provides students with multiple and intersecting theoretical and methodological approaches that reveal law as a socially embedded system of loosely connected institutions, practices, presumptions and rules. Students participating in the certificate program will learn how to apply these socio-legal tools of analysis to their study of law in action.

### **Program Requirements**

The certificate consists of four components to ensure students develop a broad understanding of socio-legal studies. Foundational courses in socio-legal theories (three credits) and in legal institutions (three credits) will be required. Students will then have the option of selecting three electives (nine credits) from a set of approved courses, providing flexibility so that they may pursue an individualized course of study. Additional courses beyond those listed on this proposal may be added with approval of the certificate director. Finally, a three credit experiential learning component will be required, for a total of 18 credit hours. This may be an internship within the U.S. or abroad, or a research experience under the guidance of a member of the socio-legal studies certificate faculty.

Required Certificate Core Courses

#### **1. Ethics, Morality, and Theories of Justice (3)**

A theory course is required of all students to provide a background in theories and philosophies of justice. Students will select one of the following courses:

- HON 494 Great Traditions of Jurisprudence\*
- JUS 303 Justice Theory
- PHI 307 Philosophy of Law
- PHI 309 Social and Political Philosophy
- PHI 394 Multicultural and Global Citizenship
- PHI 408 Feminist Ethics

#### **2. Legal Institutions and Structures (3)**

To provide a background on legal institutions and structures, students will select one of the following courses:

- CRJ 320 The Adjudication Function
- CRJ 442 Community Relations in the Justice System
- JUS 308 Courts and Society
- JUS 360/CRJ 350 Law and Social Control
- JUS 410 Punishment: Logic and Approach
- JUS 463/CRJ 470 Discretionary Justice
- JUS 465 Death Penalty in the United States
- JUS 479 Law and Disputing
- POS 315 The Supreme Court
- POS 465 International Organizations and Law
- POS 471 Constitutional Law I
- POS 472 Constitutional Law II

#### **3. Interdisciplinary Component (9)**

To provide students an opportunity to focus on specific issues and social problems while also providing a broad interdisciplinary framework, students will select three electives. These courses must be taken from at least two different academic units. Any course listed below may count towards this requirement. Other courses can be approved by the certificate program director.

**Social Movements, Social Protest and Socio-legal Studies**

AFR 394 Black Radicals and Back Protest (submitted for new number as AFR 329)  
AFR 394 Bob Marley: Reggae and Resistance (submitted for new number as AFR 326)  
APA 360 The Asian Pacific American Experience  
APA 394 Asian Pacific American Legal History  
HST 306: The Civil Rights Movement  
HON 410 Philosophy, Politics, and Law\*  
JUS 329/ CRJ 461 Domestic Violence  
JUS 350 Immigration and Justice  
JUS 430 Social Protest, Conflict and Change  
JUS 432 Racial Justice  
JUS 469 Political Deviance and the Law  
JUS 474 Legislation of Morality  
TCL 340 Chicana/o and Latina/o Politics and Policy  
WST 375 Women and Social Change

**Race, Gender, Class, and the Legal Order**

AFS 301 Race and Racism in the African Diaspora  
AFS 394 Race, Ethnicity and Politics in African Diaspora (submitted for new number as AFS 320)  
AFS 428 Critical Race Theory  
CRJ 306 Race, Ethnicity and Justice  
CRJ 340 Juvenile Justice  
HON 310 Justice and Law\*  
JUS 422 Women, Law, and Social Control/CRJ 305 Women, Crime and Justice  
JUS 425 Race, Gender and Justice  
JUS 450 Alternatives to Incarceration  
JUS 470 Alternative Dispute Resolution  
JUS 477 Youth and Justice  
POS 370 Law and Society  
POS 470 Law and Society  
SOC 340 The Sociology of Deviant Behavior  
SOC 446 Sociology of Crime  
TCL 335 Historical Studies in Race, Crime, and the Law

**Globalization, State Building, and the International Legal Arena**

AFS 304 Islands of Globalization  
APA 394 Asian Pacific American Immigration and Social Justice  
ASB 445 Globalization, Development and Resistance  
JUS 374 Holocaust, Genocide and Human Rights  
JUS 467 Terrorism, War and Justice  
SOC 445 Globalization, Development and Resistance (west campus)  
WGS 498 Gender, Religion and Global Violence

\* available only to honors students

**4. Experiential Learning Component (3)**

A central element of this certificate program will be the linkage of learning and doing; connecting theoretical and substantive learning about socio-legal studies with practical knowledge in order to provide policy makers and practitioners with insights of academic socio-legal research and also to bring practical experience back to academic discussions. Students will connect classroom learning with practical experience through either an internship or a research experience with undergraduates under faculty supervision (honors thesis may substitute).

**Enrollment Requirements**

Students who have attained junior standing (56 credit hours) in any undergraduate degree program at ASU are eligible for admission to the certificate in socio-legal studies. There are no formal admissions procedures, but students should contact the certificate in socio-legal studies program director or advisor as soon as they decide to pursue the certificate.

**Contact Information**

School of Social Transformation | WILSN 125  
justiceinfo@asu.edu | 480/965-7682

## Graduate Programs

### Graduate Certificates and Degree Programs

#### Aerospace Engineering (Engineering Education), Ph.D. (ESAEEEDPHD). Established. Fall 2009.

Ira A. Fulton Schools of Engineering

Campus: Tempe

##### **Program Description**

Degree Awarded: PHD Aerospace Engineering (Engineering Education)

Students pursuing the Ph.D. in aerospace engineering are eligible to apply for the engineering education concentration. The engineering education concentration is interdisciplinary and will combine research in engineering with research in education. The doctoral engineering education concentration will prepare students to become scholars, researchers or practitioners in academia. The concentration provides students with an opportunity to explore pedagogy, methodology, curriculum and instruction and apply it to engineering. Students enrolled in the engineering education concentration under the Ph.D. in aerospace engineering will complete 18 credit hours of graduate-level engineering course work with a specific research focus and 15 hours of graduate-level education course work. The program is directed toward original research. The students will be required to write and defend a dissertation that describes an original contribution within the chosen engineering discipline that integrates an education component (i.e., research on engineering pre-university programs, undergraduate engineering curriculum and instruction, etc.). The research results should be suitable for publication in a reputable journal. Students will be required to satisfy all mechanical and aerospace engineering qualifying and comprehensive requirements and to abide by all policies set forth by the Ira A. Fulton Schools of Engineering.

##### **Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

This concentration entails the following:

Eighteen credit hours will be taken in the major engineering research area.

Nine credit hours of appropriate mathematics courses.

Twelve credit hours of dissertation.

Fifteen credit hours of appropriate education courses in methodology, curriculum and instruction; research hours will be taken as required.

Thirty credit hours of appropriate course work may be accepted from a previously earned engineering master's degree. Students without a previously earned master's degree will be required to take 30 credit hours of course work and research related to the student's dissertation.

##### **Admission Requirements**

All applicants are required to submit the Graduate College online application, meet all Graduate College admission criteria, and take the general GRE; a subject-specific GRE is not required. Other requirements are as follows:

A minimum GPA of 3.00 (on a 4.00 scale) for graduates of accredited U.S. institutions. ASU's Graduate College is responsible for international GPA interpretation.

Students whose native language is not English are required to achieve minimum English proficiency requirements as specified by the Graduate College.

Three letters of recommendation, using the format specified by the unit.

A statement of academic and career objectives and address the desire to pursue an engineering education concentration in Ph.D. in aerospace engineering (statement of purpose).

##### **Contact Information**

Mechanical and Aerospace Engineering Program | ECG 202

macme@asu.edu | 480/965-2335

#### Aging and Lifespan Development, M.S. (LAALDMS).

College of Liberal Arts and Sciences

Campus: Tempe

Not accepting applications.

##### **Program Description**

Degree Awarded: MS Aging and Lifespan Development

The M.S. in aging and lifespan development (ALD) has been designed to be interdisciplinary in nature. Students of aging are interested in a wide variety of issues and will apply their expertise in career fields ranging from social policy advocacy to medical applications and business management concerns, from engineering and design technology to marketing and education, among many others.

The M.S. in ALD is the advanced-level, interdisciplinary study of the cultural, economic, social and behavioral factors that significantly affect aging populations and the organizations that serve them. All students pursuing the M.S. in ALD will take a core of advanced courses that focus specifically on the complex issues of aging. They will also complete a six-credit applied project that integrates the knowledge base acquired via course work with the issues and concerns of local community groups and service providers. In addition, they will take six elective courses; up to three of those can come from areas outside of the ALD curriculum.

##### **Degree Requirements**

The degree consists of 36 credit hours of course work at the 500-level or above, including these courses:

ALD 505 Perspectives on Aging (3)  
ALD 510 Research Issues for Professionals in Aging (3)  
ALD 520 Health Aspects of Aging Adults (3)  
ALD 540 Public Policy Issues and Aging (3)  
ALD 593 Applied Project (6)  
Electives (18)

#### **Admission Requirements**

All applicants must submit the following:

A completed Graduate College application and official transcripts of all undergraduate and graduate work.

A personal statement indicating professional goals and addressing how the program will aid in the achievement of those goals.

Three letters of recommendation.

Contact Information

School of Aging and Lifespan Development | West campus, FAB S117 ald@asu.edu | 602/543-6642

### **Applied Ethics and the Professions (Biomedical and Health Ethics), M.A. (LAAEPMEMA). Name change. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

#### **Program Description**

Degree Awarded: MA Applied Ethics and the Professions (Biomedical and Health Ethics)

Medicine is infused with moral values, and is deeply embedded in a variety of social and cultural contexts, which significantly determine the effectiveness of medical care in achieving healthy outcomes for patients and populations. The objective of the biomedical and health ethics concentration is to integrate academic and clinical dimensions of moral issues in medical practice and biomedical research.

Students from a broad range of backgrounds will be exposed to the internal and external logics of medicine, health care and biotechnology, and gain substantive understanding of ethical, cultural and societal issues in a variety of domains. Through course work and other experiences, students will deliberate individually and collectively about a wide range of issues and problems in contemporary medicine and the history of medicine, develop advanced critical normative reasoning and judgment capacities, and cultivate effective communication skills for academic, clinical and policy contexts.

#### **Degree Requirements**

Program requires the following: 30 credit hours, an Applied Project and including a Capstone Course (AEP 593).

All students are required to complete graduate course work distributed as follows:

Required core courses. (6)

Required concentration course. (3)

Elective concentration courses. (15)

Required capstone courses. (6)

The two required courses in Foundations of Ethics I and II (AEP 501 and AEP 502) provide the students with the theoretical and historical basis to pursue specialized applied ethics expertise. The concentration course for each concentration introduces the students into basic concepts and practices of their field.

Required for this concentration

BIO 516/AEP 520 Foundations of Bioethics

Electives for this Concentration (15)

AEP 551 Ethical and Spiritual Approaches to Death and Dying

ASB/SSH 501 Ethics, Social Justice, and Health Social Science

ASB 502 Health of Ethnic Minorities

ASB 509 Health: Social and Biocultural Theory

ASB 511 Ethics in Health Social Science Research

BIO 598 Health Systems and Policy

CSS/FMS 494 Race, Medicine and the Body

HSD 591 Ethics and Emerging Technologies

JHR 501 Proseminar in Social Justice and Human Rights

LAW 652 Bioethics and the Law

LAW 617 Genetics and the Law

LAW 791 Neuroscience and the Law

MHI 550 Healthcare Policy and Innovation

NTR 598 Topic: Politics, Ethics, and the American Diet

PHI 591/LAW 791/BIO 591 Research Ethics and Law

REL 598 Medical Ethics: Religious and Secular

WST 598 Gender and Global Health Disparities

WST 691 Women and Health

Other Electives

Graduate seminars in other disciplines may be on topics that are relevant to one or more of the concentrations and may be used as electives for the M.A. in applied ethics and the professions with the approval of the Program of one of the Concentrations and the approval of the instructor of the seminar.

#### **Admission Requirements**

General admission requirements are as follows:

All documentation must be submitted via the ASU Graduate College [online application](#).

A "B" (3.00) undergraduate GPA.

Resume.

Personal statement of interest and qualification.

Two letters of recommendation.

International students: Toefl score or comparable proof of English proficiency.

Note: No GRE is required, except for Eng/Emerging Technology (required unless requirement has been waived by director).

For more information on the specifics, please see the ASU Graduate College.

Please also refer to the college of the concentration/track you are interested in for additional details.

#### **Contact Information**

School of Life Sciences | DISCVRY 213

sols.grad@asu.edu | 480/727-8857

### **Applied Ethics and the Professions (Pastoral Care Ethics and Spirituality), M.A. (ASAEPMA).**

#### **Established. Fall 2009.**

New College of Interdisciplinary Arts and Sciences

Campus: West

#### **Program Description**

Degree Awarded: MA Applied Ethics and the Professions (Pastoral Care Ethics and Spirituality)

The pastoral care ethics and spirituality concentration within the M.A. in applied ethics for the professions (AEP) introduces students to the basic concepts and practices of pastoral care ethics and spirituality. The theoretical and practical training pays attention to the irreducibility of existential (ontological), therapeutic (psychosomatic) and spiritual (religious) dimensions of care and cure. The theoretical part of the curriculum is interfaith and interdisciplinary in approach, holistic in scope and specialized in content. In the applied activity portion of the curriculum, students investigate real life issues in care ethics and spirituality and examine them from several theoretical perspectives.

#### **Degree Requirements**

Program requires the following: 30 credit hours including a Capstone Course (AEP 593).

The M.A. program in applied ethics for the professions requires 30 credits of graduate work:

Required methodological core: 6 credit hours of AEP 501 and AEP 502, Foundations of Ethics I and II.

Required concentration course: 3 credit hours of AEP 550

Ethical and Spiritual Issues in Pastoral Care

Electives in concentration: 15 credit hours

Required applied ethics capstone: 6 credit hours of AEP 593

#### **Admission Requirements**

All applicants must meet Graduate College admission criteria and hold a bachelor's degree from a regionally accredited institution in a related field (philosophy, biology, religious studies, education, history, social work, etc.).

Applicants will be required to submit:

An official ASU Graduate College online application.

Official GRE, LSAT or MCAT scores.

Official transcripts from all undergraduate and graduate institutions.

Three letters of recommendation (two of which should be academic recommendations).

A statement of interest in applied ethics and in pastoral care ethics and spirituality. Those applicants who are currently engaged in some aspect of care profession or chaplaincy should explain how the degree program will enhance their work; others should include a statement explaining career goals for the degree.

Regular admission may be granted to applicants who have achieved a GPA of 3.00 or better (4.00 scale) in the last two years of work leading to a relevant bachelor's degree and are competitive in the applicant pool as evidenced by GRE, LSAT or MCAT scores, their statement of interest and letters of recommendation.

#### **Contact Information**

Dean, New Interdisciplinary Arts and Sciences | FAB N301H

PCES@asu.edu | 602/543-6241

### **Applied Ethics and the Professions (Science, Technology and Ethics), M.A. (LAAEPSEEMA). Name change. Fall 2009.**

School of Letters & Sciences

Campus: Downtown Phoenix

#### **Program Description**

Degree Awarded: MA Applied Ethics and the Professions (Science, Technology and Ethics)

The science, technology, and ethics concentration of the applied ethics and the professions degree focuses on the ethical issues arising from the multiple challenges involved in balancing economic, technological, environmental, social and cultural development in a world increasingly affected by science and technology. It provides the student with a general background in ethics and ethical systems with an emphasis on ethical issues in science and technology, as well as exposing students to new challenges posed by rapidly evolving sociotechnical systems in such areas as:

Energy, environment and development.

Genetic engineering and biotechnology.

Information and communication technology.

Nanotechnology.

Risk assessment.

Technology and security.

Degree Requirements

Program requires the following: 30 credit hours, an Applied Project and including a Capstone Course (AEP 593).

Course work is distributed as follows:

Required core courses. (6)

Required concentration course. (3)

Elective concentration courses. (15)

Required capstone course (AEP 593). (6)

#### **Admission Requirements**

All applicants must submit the Graduate College online application and meet all Graduate College admission criteria, and submit the following:

Official transcripts from all postsecondary institutions attended.

Statement of interest in applied ethics and career goals.

Three letters of recommendation.

#### **Contact Information**

School of Letters and Sciences | SANCA 250D

joseph.herkert@asu.edu | 480/727-1548

### **Biomedical Informatics, M.S. (ESBIOINFMS).**

Graduate College

Campus: Downtown Phoenix

#### **Program Description**

Degree Awarded: MS Biomedical Informatics

The M.S. in biomedical informatics is designed to meet the rapidly growing need for professionals in the field with preparation that integrates technological expertise in informatics, computer sciences, biosciences and mathematical statistics with a knowledge of the clinical environment in the healthcare professions.

The program will feature a sequence of courses specifically designed to bring together clinicians and researchers in teams, applying new developments in informatics theory to clinical practice. This program is supported by our collaborators including Banner Health, Barrow Neurological Institute, Mayo Clinic, Phoenix Program and The University of Arizona College of Medicine. This approach will make the M.S. in biomedical informatics program at ASU distinctive, if not unique, among biomedical informatics programs in the United States. Students will take courses in such areas as public health, clinical environments, bioinformatics and statistics, and cognitive sciences.

#### **Degree Requirements**

Program requires the following: 32 credit hours, a Written Comprehensive Exam and an Oral Comprehensive Exam (MIP), or 32 credit hours, a Written Comprehensive Exam, an Oral Comprehensive Exam and including a Capstone Course (BMI 592).

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some course work in preparation. However, all students will take 30 credit hours of graduate-level course work including 12 hours of mandatory course work as outlined below:

BMI 501 Introduction to Biomedical Informatics (3)

BMI 502 Foundations of Biomedical Informatics Methods I (3)

BMI 505 Foundations of Biomedical Informatics Methods II (3)

BMI 540 Problem Solving in Biomedical Informatics (3)

The other 18 hours will include 12 hours of elective course work and six hours of research credit to be applied to the completion of a scientific paper.

#### **Admission Requirements**

Students interested in applying to this program must submit an online application to the Graduate College. An applicant to the M.S. in biomedical informatics program should have earned a bachelor's degree in biology, computer science, engineering, nursing, physiology, psychology and statistics.

Applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds will also be considered. However, all applicants must have basic competencies in college-level calculus (similar to MAT 270), general biology (similar to BIO 188) or physiology, statistics (similar to STP 226) and basic computer programming (similar to CSE 100 or 110).

The applicant's undergraduate GPA, statement of purpose and depth of preparation in their field are the primary factors affecting admission. Every applicant must submit scores for the GRE or any other graduate-level entry examination. An international student must also submit Test of English as a Foreign Language (TOEFL) scores.

**Contact Information**

Biomedical Informatics Program | ABC1 Kaitlin.Yacob@asu.edu | 6028272547

**Biomedical Informatics, Ph.D. (ESBMIPHD).**

Graduate College

Campus: Downtown Phoenix

**Program Description**

Degree Awarded: PHD Biomedical Informatics

The biomedical informatics faculty offers a graduate program leading to the Ph.D. in biomedical informatics. The core program features courses specifically designed to bring together clinicians, biological scientists and informatics researchers to apply new developments in informatics theory to clinical or biological practice.

Additional concentration course work in an area of focus and emphasis on independent research are intended to place these students at the leading edge of the field. Strong collaborative relationships with a variety of health care organizations, the bioscience industry and governmental agencies provide an unparalleled opportunity for doctoral students to explore and contribute to advances in bioinformatics and informatics related to imaging, clinical medicine and public health. Students may explore special foci on cross-cutting areas, such as cognitive science, data mining, predictive modeling, embedded sensors and simulation.

**Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

Due to the diverse academic backgrounds of students requesting admission into this program, many will find it necessary to take some course work in preparation. However, all students will take 84 credit hours of approved graduate-level course work, including 17 credit hours of mandatory courses listed below:

- BMI 501 Introduction to Biomedical Informatics (3)
- BMI 502 Foundations of Biomedical Informatics Methods I (3)
- BMI 505 Foundations of Biomedical Informatics Methods II (3)
- BMI 515 Advanced Biostatistical Methods (3)
- BMI 540 Problem Solving in Biomedical Informatics (3)
- BMI 560 Teaching in Biomedical Informatics (2)

Students must also complete a dissertation and pass oral comprehensive examinations.

**Admission Requirements**

Students interested in applying to this program must submit an online application to the Graduate College. An applicant to the Ph.D. in biomedical informatics program should have earned a bachelor's degree in biology, clinical discipline (i.e., medicine), computer science, engineering, physiology, psychology, nursing or statistics.

Student applicants who have earned degrees in other unrelated fields with appropriate academic backgrounds will also be considered. However, all applicants must have basic competencies in anatomy and physiology, college calculus, computer programming, general biology and statistics.

The applicant's undergraduate GPA, statement of purpose and depth of preparation in their field are the primary factors affecting admission. Every applicant must submit:

Scores for the GRE. Verbal, quantitative and analytical required; the subject test is optional, or

Any other graduate-level entry examination.

An international student must also submit Test of English as a Foreign Language (TOEFL) scores.

**Contact Information**

Biomedical Informatics Program | ABC1 Kaitlin.Yacob@asu.edu | 6028272547

**Communication Disorders, M.S. (LACOMDISMS).****Criminal Justice, M.A. (PPCRIMJMA). Transfer of Program. Effective Fall 2008.**

College of Public Programs

Campus: Downtown Phoenix, Online

**Program Description**

Degree Awarded: MA Criminal Justice

The M.A. in criminology and criminal justice is designed to provide criminal justice agency professionals with course work in criminology and the operation of the criminal justice system, and training in research methods and statistics. The degree program also provides students with advanced training in program planning and management, policy analysis and program evaluation.

**Degree Requirements**

Program requires the following: 33 credit hours including a Capstone.

The program includes 12 credit hours of required core courses, a three-credit-hour capstone project and 18 credit hours of electives.

Students can develop specializations in areas such as policing, corrections and management by combining required and elective course work. The planning of specializations is done jointly by the student and his or her faculty program committee.

Core Courses

CRJ 501 Seminar in Criminal Justice (3) CRJ 502 Seminar in Criminology (3) CRJ 503 Research Methods for Criminal Justice (3) CRJ 504 Statistical Tools for Criminal Justice (3)

Capstone Course



CRJ 505 Theory and Practice in Criminal Justice (3)

Electives

Choose six in consultation with the faculty program committee (18)

#### **Admission Requirements**

Students must submit an online application for admission, an official transcript from every university or institution attended and the application fee to the Graduate College. The suggested application deadlines are April 1 for fall semester and Nov. 1 for spring semester. In addition to the application material required by the Graduate College, applicants must submit:

Two letters of recommendation.

A personal statement that addresses the applicant's prior education and professional experience, discusses the applicant's career goals and explains how the degree will help the applicant achieve those goals. The personal statement is submitted online.

The letters of recommendation should be sent to:

Arizona State University Graduate College Graduate Admissions Admin. B 170 A P.O. Box 871003 Tempe, AZ 85287-1003

#### **Contact Information**

School of Criminology and Criminal Justice | UCENT sccj@asu.edu | 602/496-2365

### **Curriculum and Instruction (Engineering Education), Ph.D. (EDEGREDPHD). Established. Fall 2009.**

Mary Lou Fulton Institute & Grad School Education

Campus: Tempe

#### **Program Description**

Degree Awarded: PHD Curriculum and Instruction (Engineering Education)

The concentration in engineering education within the Ph.D. in curriculum and instruction provides opportunities for interdisciplinary research in the teaching and learning of engineering, pre-K to college, by integrating research methods in learning theory, curriculum development, assessment, evaluation and education with a particular understanding of engineering content and practice in a variety of contexts. Program mentors for this concentration will hail from the Mary Lou Fulton Institute and Graduate School of Education and the Ira A. Fulton School of Engineering. An engineering education committee drawn from these colleges will oversee administration of the interdisciplinary engineering education concentration.

The goals of the proposed concentration are to prepare students to critically analyze and conduct research in engineering education and to explore the art and science of learning engineering in pre-K to college. The concentration prepares students to take competitive positions in top-tier research institutions as exemplary scholars and teachers, and as leaders in engineering education in K-12 and higher-education settings in formal and informal learning contexts (e.g., school districts, schools, science centers, museums).

#### **Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

Similar to the other concentrations in the Ph.D. in curriculum and instruction, the engineering education concentration will comprise the following:

Curriculum and instruction core.

Six credit hours of interdisciplinary research seminars in curriculum and instruction and curriculum theory and practice).

Area of concentration (30 credit hours).

Fifteen credit hours of required engineering education core.

Fifteen credit hours pertaining to engineering education, engineering, technology and related fields of science education, mathematics education and educational technology.

Cognate study.

Twelve credit hours, to broaden the student's understanding of the conceptual base and issues underlying the study of curriculum and instruction. Cognate courses should thematically cohere, but can be drawn from a broad range of offerings from across the university's multiple disciplines.

Inquiry and analysis.

Fifteen credit hours of advanced research design and data analysis in qualitative and quantitative research methods.

Internships.

Six credit hours of research and teaching internships to broaden experience and preparation in the field of engineering education.

Dissertation and independent research (15 credit hours).

Three credit hours of independent research.

Twelve credit hours of dissertation research leading to the completion of an approved dissertation.

#### **Admission Requirements**

All applicants are required to submit the Graduate College online application, meet all Graduate College admission criteria, and take the general GRE; a subject-specific GRE is not required. Other requirements are as follows:

A minimum GPA of 3.00 (4.00 scale) for graduates of regionally accredited U.S. institutions. ASU's Graduate College is responsible for international grade point average interpretation.

Students whose native language is not English are required to achieve minimum English language proficiency as specified by the Graduate College.

Three letters of recommendation, using the format specified by Curriculum and Instruction. Letters of recommendation should address the applicant's professional experiences and potential for doctoral study.

A statement of academic and career objectives and address the desire to pursue an engineering education concentration in the Ph.D. in curriculum and instruction (letter of Intent).

A curriculum vitae.

A writing sample.

**Contact Information**

Dean, Mary Lou Fulton Inst Grad School Education | EDB 302  
gia.taylor@asu.edu | 480/965-4602

**Gender Studies, Ph.D. (LAGSTPHD).**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

Degree Awarded: PHD Gender Studies

The academic study of gender is increasingly recognized as central across academic fields, from literature to psychology to biology and law. The goal of the doctoral program is to train researchers who can take their place in the world as academic faculty, as researchers inside and outside of academia and as policy-makers.

**Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

The gender studies program requires 84 credit hours for students admitted with only a bachelor's degree, a dissertation and both a written and oral comprehensive examination.

The gender studies Ph.D. program is designed to provide students with the interdisciplinary training in theory and methods needed to conduct original research and scholarship about gender. At the core of the program are four required courses:

WST 601 Critical Concepts of Gender.

WST 602 Mapping the Intersections of Gender.

WST 603 Engendering Methodology.

WST 701 Research Design and Proposal Development in Gender Studies.

Students also take two research methods courses relevant to their dissertation plus additional courses in one of three areas of specialization:

Health, science and technology

Courses in this area explore the impact of gender on health care, health occupations, science and technology. We have faculty expertise in health and sexuality, bioethics, women's roles as healers and caregivers, HIV/AIDS prevention, gender and technology and the participation of women in math and science in the developing world.

Visual and narrative culture

Courses in this area explore historical and contemporary representations of gender in all genres, including popular culture, literature, theater, art, and scientific, medical, historical and legal discourse. Our faculty focus especially on the intersections of gender representations with representations of race, sexuality, class and the ways in which representations produce rather than simply mimic gender inequality and polarized identities.

Gender, justice and social change

Courses in this area explore the gender dimension of social structures, institutions and organizations; the processes of social change and community development; and the ways policies and laws can change gender relations. We have faculty expertise in globalization, transnational feminisms, environment, sustainability, development, immigration, work, social policy, domestic violence and child welfare.

**Admission Requirements**

The women and gender studies program welcomes applications from qualified students without regard to race, creed, color, religion, sex or national origin.

Submit to the Graduate College:

Graduate College application (<http://graduate.asu.edu/admissions>).

Resume or curriculum vitae.

Statement of purpose.

Application fee as required.

Official copies of all undergraduate and graduate transcripts.

Official GRE scores (cannot be more than 5 years old).

A writing sample of 10-25 pages.

Three letters of reference, preferably from faculty or other researchers.

Students whose native language is not English must meet ASU's English proficiency requirements. For details, go to <http://graduate.asu.edu/admissions/international.html>.

Submit to the Women and Gender Studies Program an application for graduate research/teaching assistantship form:

<http://graduate.asu.edu/forms>.

Mail to:

Women and Gender Studies Graduate Admissions Arizona State University P.O. Box 874902 Tempe, AZ 85287-4902

For additional financial information, consult the Financial Aid Office at <http://students.asu.edu/financialaid>.

**Contact Information**

School of Social Transformation | WHALL 205 [wgs.asutempe@asu.edu](mailto:wgs.asutempe@asu.edu) | 4809652358

**Geographical Sciences (Urbanism), Ph.D. (LAGCUUPHD). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

Degree Awarded: PHD Geography (Urbanism)

This is a shared concentration designed to foster an understanding of the nature and dynamics of the urban habitat. The urban habitat is the place where communities of people live, and includes all living and nonliving factors and conditions of the surrounding environment. Topics and methods are wide-ranging, and will include spatial, historical and theoretical inquiry.

**Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

The School of Geographical Sciences requires Ph.D. students to pass written and oral comprehensive examinations. These are taken at the completion of all course work. After students have passed the comprehensive examinations and satisfied the other requirements, they are eligible to apply for candidacy. A dissertation based on original work demonstrating creativity in research and scholarly proficiency in the subject area is required. A final oral examination in defense of the dissertation is also required. A minimum of 30 credit hours of course work at ASU beyond the master's degree is required, plus a minimum of 12 credit hours of dissertation credit. For the concentration in urbanism, 15 credit hours will be selected from an approved list of applicable courses related to urbanism.

**Admission Requirements**

All applicants must submit the Graduate College online application. Admission to the Ph.D. program requires a completed master's degree in geography or an equivalent degree. At a minimum, this preparation should include competence in cartography and quantitative methods and basic course work in human and physical geography. Students who have not already acquired these basic skills or taken these basic courses must do so during the first year of their graduate program. These courses are considered deficiencies, and will not count towards the degree.

**Contact Information**

School of Geographical Sciences and Urban Planning | COOR 5302  
etalen@asu.edu | 480/965-7533

**Geriatric Nursing, Certificate (Grad) (NUGCERT). Established. Spring 2010.**

College of Nursing & Health Innovation

Campus: Downtown Phoenix

**Program Description**

Degree Awarded: CERT Geriatric Nursing (certificate)

This program will prepare practice leaders who are responsive to societal and cultural needs, and who are committed to providing and improving evidence-based practice in geriatric nursing. The target groups for this certificate are nurses, nursing faculty and nurse practitioners who want to increase their knowledge related to evidence-based practice geriatric care. Nursing faculty teaching in associate degree programs and baccalaureate programs are particularly targeted so that this knowledge area can be added to basic programs of nursing in Arizona.

**Degree Requirements**

Program requires the following: 15 credit hours.

The following five courses totaling 15 credit hours are required for this certificate:

- DNP 682 (3)
- DNP 686 (3)
- DNP 688 (3)
- HCR 571 (3)
- NUR 630 (3)

**Admission Requirements**

Students must apply online to the Graduate College and meet all Graduate College admission requirements.

Applicants must have a bachelor's degree in nursing from a regionally accredited institution in the U.S. or an equivalent degree.

Applicants must provide a resume, goal statement and three letters of recommendation.

Completed applications will be reviewed by program faculty and a face-to-face, online or telephone interview will be conducted with a program faculty member. Please note that only completed applications will be reviewed. Selected and approved students for the next admission cycle will then receive an acceptance letter.

**Contact Information**

College of Nursing & Health Innovation | NHI2 201E  
eula.bradley@asu.edu | 602/496-0703

**Immigration Studies, Certificate (Grad) (LAImmSTUCE). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

Degree Awarded: CERT Immigration Studies (certificate)

The immigration studies graduate certificate program provides students with an understanding of the causes and consequences of international migration as well as relevant professional and research training opportunities. The program prepares graduates for future study in graduate and professional schools or for careers as immigration practitioners and advocates in non-governmental organizations, local and federal government agencies, as well as other private and public institutions serving immigrant and refugee communities. The

objective of the certificate program is to offer both traditional academic training through course work and research and practical experience working with local immigrant/refugee communities.

#### **Degree Requirements**

Program requires the following: 15 credit hours.

All students will be required to take one core course, three approved elective courses on immigration, and three hours of a culminating experience (either an internship or a research project). For a list of approved courses, please contact the school.

**Internship:** Students may do an internship with Phoenix-based, nongovernmental organizations or government agencies that provide services to immigrants and refugees. Such internships will give them professional training and actual experience working with immigrant/refugee communities. Students will be required to write a report describing the organization and their experience as interns.

**Research:** Students may enroll in three credits of research with a faculty member in order to do an independent research project. They must write a substantial research paper based on field research in a local immigrant community, library/archival research or readings on an immigration topic.

Certificate students may choose to specialize in the social sciences, the humanities, or Mexican and Latino immigrants in the U.S. Given the nature of the immigration courses offered at ASU and the preponderance of Latino immigrant communities in the Phoenix area, students will have the opportunity to take broader courses focusing on global migration and other immigrant groups, as well as work with local Asian/Southeast Asian immigrants and refugee communities.

All requirements for the certificate program should be completed within a three-year time limit with a cumulative grade point average of at least 3.00. Students who require more time to finish the program (because of their part-time status or lack of desirable/available courses) must obtain approval from the executive committee.

For students currently enrolled in an ASU graduate degree program, applicable certificate courses may count towards their degree program with the approval and consent of the degree granting program. For certificate students who are later admitted to an ASU graduate degree program, up to 12 credit hours from the certificate program may count towards their doctoral degree or up to nine credit hours may count towards their master's degree with the approval and consent of the degree-granting program.

#### **Admission Requirements**

All applicants must submit the Graduate College online application. In addition to the general requirements for admission to the Graduate College, the School of Human Evolution and Social Change requires applicants to provide:

Official GRE scores.

Transcripts of all undergraduate and graduate course work.

A statement of purpose outlining career and educational goals.

Three letters of recommendation.

An optional sample of their written work.

Applicants should have achieved a minimum GPA of 3.00 in the last 60 hours of their bachelor's degree. Undergraduate course work in anthropology is not a prerequisite for admission, but is generally advisable. Students may be admitted without such a background and may be required to acquire knowledge of general anthropology in a manner to be specified at the time of admission.

#### **Contact Information**

School of Human Evolution & Social Change | SHESC 233  
shescgrad@asu.edu | 480/965-6215

### **Mechanical Engineering (Engineering Education), Ph.D. (ESMEEEDPHD). Established. Fall 2009.**

Ira A. Fulton Schools of Engineering

Campus: Tempe

#### **Program Description**

Degree Awarded: PHD Mechanical Engineering (Engineering Education)

Students pursuing the Ph.D. in mechanical engineering are eligible to apply for the engineering education concentration. The engineering education concentration is interdisciplinary and will combine research in engineering with research in education. The doctoral engineering education concentration will prepare students to become scholars, researchers or practitioners in academia. The proposed concentration provides students with an opportunity to explore pedagogy, methodology, curriculum and instruction and apply it to engineering.

Students enrolled in the engineering education concentration under the Ph.D. in mechanical engineering will complete 18 credit hours of graduate-level engineering course work with a specific research focus and 15 hours of graduate-level education course work. The program is directed toward original research. Students will be required to write and defend a dissertation that describes an original contribution within the chosen engineering discipline that integrates an education component (i.e., research on engineering pre-university programs, undergraduate engineering curriculum and instruction, etc.). The research results should be suitable for publication in a reputable journal. Students will be required to satisfy all mechanical and aerospace engineering qualifying and comprehensive requirements and to abide by all policies set forth by the Ira A. Fulton Schools of Engineering.

#### **Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

The Ph.D. in aerospace engineering with an engineering education concentration requires the following:

Eighteen credit hours will be taken in the major engineering research area.

Nine credit hours of appropriate mathematics courses.

Twelve credit hours of dissertation.

Fifteen credit hours of appropriate education courses in methodology, curriculum and instruction; research hours will be taken as required.

Thirty credit hours of appropriate course work may be accepted from a previously earned engineering master's degree. Students admitted without a previously earned master's degree (i.e., directly from a bachelor's degree), will be required to take 30 credit hours of a combination of course work and research related to the students dissertation research as deemed necessary by the students dissertation supervisory committee.

#### **Admission Requirements**

All applicants are required to submit the Graduate College online application, meet all Graduate College admission criteria, and take the general GRE; a subject-specific GRE is not required. Other requirements are as follows:

A minimum GPA of 3.00 (4.00 scale) for graduates of accredited U.S. institutions. ASU's Graduate College is responsible for international GPA interpretation.

Students whose native language is not English are required to achieve minimum English proficiency requirements as specified by the Graduate College.

Three letters of recommendation, using the format specified by the unit.

A statement of academic and career objectives and address the desire to pursue an engineering education concentration in Ph.D. in mechanical engineering (statement of purpose).

#### **Contact Information**

Mechanical and Aerospace Engineering Program | ECG 202

macme@asu.edu | 480/965-2335

### **Music (Music Education), Ph.D. (FAMUSEDPHD). Established. Fall 2009.**

Herberger Institute for Design and the Arts

Campus: Tempe

#### **Program Description**

Degree Awarded: PHD Music (Music Education)

The Ph.D. in music is a scholarly research degree. Graduates of the Ph.D. in music typically serve as faculty members at colleges or universities; as scholars or researchers with music publishers and similar enterprises; as music and arts administrators for education, arts and civic and government organizations; and as public policy advisors to education organizations, arts providers, and/or civic and government agencies.

The concentration in music education includes highly specialized study in music education, support studies with scholars and artists in the School of Music and other schools in the Herberger Institute for Design and the Arts, and opportunities for cross-disciplinary elective study with faculty in schools and colleges across the ASU campuses. A plan of study is designed by the student in consultation with the faculty to support a research trajectory identified by the student.

Research conducted by students in the music education concentration aims to reexamine, interrogate and broaden the canon of music education, and to expand the traditional boundaries of music scholarship by challenging methodological and disciplinary boundaries. The degree concludes with dissertation research.

#### **Degree Requirements**

Program requires the following: 90 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

The degree requirements are distributed as follows:

Core requirements (10)

MSI 601

MSI 602

MSI 755

MTC 520

Elective credits (music, music education and related studies). (29)

Concentration (music education courses, including research). (30)

Internship. (3)

Research. (6)

Dissertation. (12)

#### **Admission Requirements**

Applicants must submit the Graduate College online application.

All applicants must have completed a bachelor's degree (or equivalent) or a graduate degree from a regionally accredited college or university in music education prior to beginning this doctoral program.

The music education concentration requires the following as part of the application package:

A. A curriculum vitae.

B. A personal statement describing goals for graduate study and intended career trajectory.

C. Three letters of recommendation from individuals familiar with the applicant's musicianship, scholarly and/or teaching abilities.

D. Evidence of successful teaching experience in the form of a digital recording of one or more rehearsals or music classes led/taught by the applicant.

E. A writing sample, preferably a paper from an upper-level undergraduate course or a graduate course or an article or document written by the applicant.

F. An interview, via telephone or in person, with at least three members of the music education doctoral faculty.

Applicants must have a minimum of a 3.00 cumulative GPA (4.00 scale) in the last 60 hours of a student's first bachelor's degree program, and a minimum 3.00 cumulative GPA (4.00 scale) in graduate work or degrees.

Applicants whose native language is not English must meet the university's English proficiency requirements.

Either the GRE or the MAT is required of all applicants.

**Contact Information**

School of Music | Music E167  
SOMadmissions@asu.edu | 480/965-5069

**Music (Music Theory), M.A. (FAMTHEOMA). Disestablished. Fall 2009.**

**Music Education (Choral Music), M.M. Disestablished. Fall 2009.**

**Music Education (General Music), M.M. Disestablished. Fall 2009.**

**Music Education (Instrumental Music), M.M. (FAINSTMM). Disestablished. Fall 2009.**

**Music Education (Jazz Studies), M.M. (FAJAZZMM). Disestablished. Fall 2009.**

**Nursing (Child Family Psychiatric Nurse Practitioner), M.S. (NUCFNPMS). Established. Fall 2009.**

No information available.

**Nursing (Geriatric Nurse Practitioner), M.S. (GERNUPRAMS). Established. Fall 2009.**

No information available.

**Online Teaching for Grades K-12, Certificate (Grad) (TEEDTGRCT). Established. Fall 2009.**

Mary Lou Fulton Teachers College

Campus: Online

**Program Description**

Degree Awarded: CERT Online Teaching for Grades K-12 (certificate)

The online teaching for grades K-12 graduate certificate consists of online courses centered on preparing K-12 educators for online teaching along three major domains, which include technological, pedagogical and content-related areas. The goal of this program is to prepare current K-12 teachers to teach in an online environment and to become leaders in the development, implementation and evaluation of online programs. This includes helping students understand how various topics within subject areas are effectively represented using technology and pedagogical strategies required to teach these concepts online. This is accomplished through offering course work that addresses all three domains along with field experience opportunities. Through these experiences, students would be prepared to teach in online and blended educational environments.

Degree Requirements

Program requires the following: 15 credit hours including a Capstone (EDT 580).

The certificate requires five courses, each consisting of three credit hours. The culminating experiences for this certificate program is an electronic portfolio that will be completed in EDT 580 Practicum in Online Teaching.

**Admission Requirements**

All applicants must hold a bachelor's degree from a regionally accredited institution or have an equivalent credential as determined by the Graduate College. Applicants must submit the Graduate College online application and meet all Graduate College requirements.

**Contact Information**

Educational Leadership & Innovation, Division W | FAB S246  
CTELgrad@asu.edu | 602/543-5595

**Performance (Music Theatre/Opera Musical Direction), M.Mus. (FAMUSTHMM). Disestablished. Fall 2009.**

**Scholarly Publishing, Certificate (LASCHPUBCE).**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

Degree Awarded: CERT Scholarly Publishing (certificate)

The scholarly publishing certificate program offers training in publishing studies to graduate students in any discipline. The program prepares students to enter scholarly publishing at university presses, in higher education, at textbook and reference publishers or to engage in publishing activities encountered as academic professionals, such as journal publishing, book publishing, or documentary editing.

**Degree Requirements**

Program requires the following: 23 credit hours.



Course work includes four required core courses and electives from a variety of disciplines. The certificate requires 23 credit hours of course work, including a summer internship. Some courses may be applied to both the certificate and the student's degree program.

#### **Admission Requirements**

Graduate students in any discipline may pursue a certificate in scholarly publishing in conjunction with their degree programs. The program is also open to students who already hold graduate degrees. Applicants need to submit:

A Graduate College online application. The Scholarly Publishing Certificate applicants are required to submit an application solely for the Scholarly Publishing program, regardless of any applications to other programs.

A resume or curriculum vitae. Upload it into the online application.

A writing sample. Submit a sample of your written work electronically. The writing sample may be an article (published or unpublished), a research paper, or any other extended example of your expository skill no longer than 35 double-spaced pages in length. Longer writing samples should not be submitted without first consulting the Graduate Director. Documents should not be password protected.

Acceptable file types are .rtf, .pdf, and .doc.

A letter of intent. Should be addressed to the history review committee explaining your scholarly background and training, your career goals, and why you want to pursue graduate study at ASU (about 500 words in length).

Three reference letters. Students should contact their references and inform them they will be contacted by the Graduate College and asked to submit an electronic recommendation. Students are required to submit a minimum of three e-mail addresses from faculty or others qualified to speak the student's suitability for graduate study in scholarly publishing.

Transcripts. Should be mailed to the Graduate College at the following address. It is not necessary to mail transcripts to the history program. Arizona State University, Graduate College, 1120 S. Cady Mall INTDSB-B256, Tempe, AZ 85287-1003.

GRE scores. A report of the scores received on the GRE submitted to the Graduate College. Scores should be no more than five years old.

Data form. Please download this form to your desktop, complete it, and upload into your online application.

The application deadline is January 1 for enrollment in August.

#### **Contact Information**

Historical, Philosophical & Religious Studies, Sch | COOR 4589 scholarly.publishing@asu.edu | 480/965-5775

### **Socio-Economic Justice, Certificate (Grad) (LAECJUGRCT). Established. Fall 2009.**

College of Liberal Arts and Sciences

Campus: Tempe

#### **Program Description**

Degree Awarded: CERT Socio-Economic Justice (certificate)

The graduate certificate in socio-economic justice addresses the social and political implications of global and local economies for economic inequality and social justice. This transdisciplinary program fuses interests in political economy, socio-economic inequality and analysis of related policies and their consequences for social welfare in areas of income, housing, employment and education. This certificate complements the current graduate curriculum at ASU and is structured to allow students to draw upon a combination of core courses in justice and social inquiry, and course work from units from across the ASU campuses. Our approach is transdisciplinary (i.e., inclusive of courses in a variety of disciplines but transcending disciplinary boundaries through an integrative core curriculum), intersectional (i.e., considering gender, race, class, nation and sexual relations) and transnational (courses that examine global and local concerns). It will strengthen student understanding of the justice implications of the convergence of social and economic inequalities in the global economy.

#### **Degree Requirements**

Program requires the following: 16 credit hours.

Students must complete 16 hours of qualifying course work. This includes two core (required) courses, three elective courses and a one-credit hour culminating experience that includes a research paper.

Required Certificate Core Courses

1. Economic Justice. (3)

Students must select one of the following courses:

JUS 550 Gender, Race and Economic Justice

JUS 660 Globalization and Socio-Economic Justice

2. Conducting Research in Communities. (3)

Students must select one of the following courses:

JUS 633 Community Research

JHR 525 Action Research

3. Elective Courses. (9)

Students must select three electives on socio-economic justice from among the following courses:

ASB 591 Environmental Justice and the City

ASB/POL 447 Citizenship, Nationalism and Identity\*

JHR 510 Problem Based Seminar: Oaxaca; Migration, Gender and Human Rights

JHS 511 Community Embedded Seminar: Contemporary Slavery and Trafficking

JHR 525 Action Research

JUS 405 Economic Justice\*

JUS 415 Gender and International Development\*

JUS 494 Advanced Topics in Global Justice\*



JUS 591 Family Work and Justice  
JUS 550 Gender, Race and Economic Justice  
JUS 555 Migration, Immigration and Justice  
JUS 591 Globalization and Livable Cities  
JUS 591/691 Difference, Citizenship and Globalization  
JUS 591/691 Governance, Citizenship and Justice  
JUS 660 Globalization and Socio-Economic Justice  
JUS 633 Community Research  
POS 598 Urban Politics and Policy  
POS 598 North-South Relations  
SOS 514 Human Dimensions of Sustainability  
SWG 531 Social Policy and Services  
SWG 533 Diversity and Oppression  
SWG 591 Border Family and Community Asset Building Policies  
WST 598 Gender and Globalization in Latin America

\*Note: Only one 400-level courses listed above is allowed.

Must have prior approval from the director of the certificate in economic justice program for any 400-level course.

4. Culminating Experience. (1)

This capstone writing/research paper synthesizes the student's disciplinary interests with their implications for socio-economic justice. Students register for JUS 590 Readings and Conference.

#### **Admission Requirements**

All applicants must submit the Graduate College online application.

Graduate students who are regularly admitted to a graduate degree program at ASU or students who have completed a bachelor's degree at a regionally accredited U.S. institution or equivalent are welcome to apply for the socio-economic justice graduate certificate program. To be considered for admission, students should submit the following documents to the justice and social inquiry program office:

A statement of purpose for pursuing the certificate.

A writing sample demonstrating excellent writing and analytical skills.

Students who are already enrolled in an ASU graduate program must submit an unofficial copy of their graduate transcripts and be in good standing with the ASU Graduate College; students who are not regularly admitted to an ASU graduate program must submit an official transcript showing the completion of a bachelor's degree in any academic field with a junior/senior GPA of at least 3.00 or equivalent.

At least two letters of recommendation.

Applicants must meet the Graduate College criteria for admission to a graduate certificate program at ASU.

#### **Contact Information**

School of Social Transformation | WILSN 217  
graduate.justice@asu.edu | 480/965-6008

### **Speech and Hearing, Ph.D. (LAHEARPHD).**

College of Liberal Arts and Sciences

Campus: Tempe

#### **Program Description**

Degree Awarded: PHD Speech and Hearing Science

The Ph.D. in speech and hearing science is designed to prepare scholars for careers of basic and applied research in educational, industrial or healthcare delivery environments. The student pursues a program with the unifying theme of human communication and its disorders.

#### **Degree Requirements**

Program requires the following: 84 credit hours, a Dissertation, a Written Comprehensive Exam and an Oral Comprehensive Exam.

After a core curriculum, which may include aspects of neuroscience, methodology or speech and hearing science, the student completes a program of study under the guidance of the program committee. As part of the Ph.D. program, a programmatic research experience prepares the student for basic or applied research leading to the dissertation.

#### **Admission Requirements**

Applicants typically have completed a master's degree or equivalent in speech and hearing science, psychology, linguistics or a related discipline. Applicants with a bachelor's degree, strong research interests and a strong academic record are also considered.

Applicants must submit the following evidence for admission review:

Application for admission to the Graduate College and official transcripts of undergraduate and graduate study.

GRE scores, including the writing score, taken within the last five years.

Professional references from three individuals who are familiar with the applicant's academic record.

Contact Information

Department of Speech and Hearing Science | COOR 2211 shsgad@asu.edu | 4809652374

### **Supply Chain Management, Certificate (Grad) (BASCMCERT). Established. Spring 2010.**

W. P. Carey School of Business

Campus: Online

**Program Description**

Degree Awarded: CERT Supply Chain Management (certificate)

The certificate is composed of five (three credit) online courses in supply chain management, each six weeks in length (five content weeks and one reading/final assignment completion week), each of which will be offered twice in a calendar year. The content of the courses is tightly integrated and offers a comprehensive coverage of core topics in supply chain management. The intended audiences for the certificate include working professionals who are graduates of general management undergraduate or graduate business programs who wish to supplement their degrees with focused, graduate-level courses in supply chain management, and fall into one of the following categories:

Relatively new to supply chain management and desire a foundational knowledge of supply chain management complexities as well as a strong understanding of how companies leverage their supply chains to achieve competitive advantage.

Experienced supply chain management professionals who wish to update their knowledge of current thinking and best practices through interaction with faculty engaged in broad-based research and consulting.

**Degree Requirements**

Program requires the following: 15 credit hours including a Capstone Course (SCM 532).

The following courses are required for this certificate:

SCM 502 (3)

SCM 520 (3)

SCM 521 (3)

SCM 532 (3)

SCM 541 (3)

**Admission Requirements**

All applicants must submit the Graduate College online application and meet Graduate College admission requirements. In addition applicants should have a minimum of two years full-time work experience.

**Contact Information**

Business Administration | BA 452

wpcarey.execed@asu.edu | 480/965-8617

**Technology (Computer Systems), M.S.TECH. (TSCPMSTECH). Disestablished. Fall 2009.**

**Technology (Computing Systems), M.S.TECH. (TSCOMSTECH). Disestablished. Fall 2009.**

**Transportation Systems, Certificate (Grad) (GCTRANSCE).**

College of Liberal Arts and Sciences

Campus: Tempe

**Program Description**

Degree Awarded: CERT Transportation Systems (certificate)

Transportation has emerged as one of the highest priority issues for policy makers, employers and citizens. The transportation systems certificate program enhances the education of current and future transportation professionals to respond to this challenging environment. It builds upon existing programs in five disciplines, offered in five colleges and two campuses in the ASU system. The program approaches the subject from an integrated systems perspective. It exposes students to a range of transportation alternatives and the interrelationships among transportation, economic development, land use, energy and the environment.

The certificate program offers current ASU graduate students and transportation professionals the opportunity to pursue a wide range of transportation-related issues from a multimodal and interdisciplinary perspective. The certificate is intended to be either a specialization within an existing master's degree or a stand-alone, 15-credit-hour, nondegree program.

**Degree Requirements**

Program requires the following: 15 Credit hours including a Capstone (PUP 531).

This graduate certificate requires: a proseminar class (three hours), three elective courses from an approved list of transportation-related courses (including at least one from a field outside the student's major) and a capstone research paper that explores a transportation problem from a multidisciplinary perspective (three hours). Students are strongly encouraged to include, as one of the three elective courses, a course in methods or techniques applicable to transportation systems planning. In developing a capstone paper, students are encouraged to work with transportation professionals in their area of interest to identify a topic that is of interest to the broader public. All decisions related to program offerings and departmental participation are made in cooperation with the transportation systems certificate admissions and advisory committee, which includes a member from each participating department.

**Admission Requirements**

Admission to the transportation certificate program is the same for both new students and current degree-seeking students.

Application requirements are as follows.

Applicants must:

Complete the online application through the Graduate College.

Submit responses to two essay questions:

What do you expect to gain from the transportation certificate?

What types of courses within the certificate would be the most helpful in meeting your objective?

Provide official transcripts.

Provide a current resume.

Provide official Test of English as a Foreign Language (TOEFL) scores for international students. Information regarding English proficiency requirements can be found on the Graduate College Web site.

Questions regarding transcript requirements need to be directed to the Graduate College.

Applicants who wish to seek a graduate degree in any of the cooperating departments and who are not currently enrolled in ASU must complete the full graduate school application process as specified by the department of interest, in addition to an online application for the transportation certificate. Please see department guidelines for admission to a degree program. Please be aware that admission to a degree program and the transportation certificate program are independent of each other. Applicants interested in applying for the transportation certificate in addition to a degree program must also complete an admission essay for the certificate program that is independent from an admission essay for a degree program.

Admission to the program will be determined by the transportation systems certificate admissions and advisory committee, consisting of representatives from each of the participating programs.

**Contact Information**

School of Geographical Sciences and Urban Planning | COOR 5673 [geoplan@asu.edu](mailto:geoplan@asu.edu) | 480/965-7533

## Major Maps (Undergraduate Program Requirements)

The following section is a compilation of Major Maps for established undergraduate degrees. These Major Maps were not available at the time of publication of the Academic Catalog Archive 2009-2010 in August 2009. Major Maps are listed by program title.

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGE: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only Not required of transfer students</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>Maintain good academic standing</li> </ul>
<b>Complete one course from:</b> CHM 113: General Chemistry I (SQ) MAT 210: Brief Calculus (MA) BIO 187: General Biology I BIO 188: General Biology II	4 or 3	<input type="checkbox"/>			
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
AGB 100: Introduction to Agribusiness	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>Complete one additional course from:</b> CHM 113: General Chemistry I (SQ) CHM 116: General Chemistry II (SQ) <i>(if CHM 113 completed)</i> MAT 210: Brief Calculus (MA) BIO 187: General Biology I BIO 188: General Biology II	4 or 3	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>Maintain good academic standing</li> </ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
CIS 105: Computer Applications and Information Technology (CS)	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>Complete one additional course from:</b> CHM 113: General Chemistry I (SQ) CHM 116: General Chemistry II (SQ) <i>(if CHM 113 completed)</i> MAT 210: Brief Calculus (MA) BIO 187: General Biology I BIO 188: General Biology II	4 or 3	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>First-year composition completed</li> <li>Maintain good academic standing</li> </ul>
AGB 271: Veterinary Medicine Today	3	<input type="checkbox"/>			
Complete 1 course from: ECN 211: Macroeconomic Principles (SB) ECN 212: Microeconomic Principles (SB)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>Complete one additional course from:</b> CHM 113: General Chemistry I (SQ) CHM 116: General Chemistry II (SQ) <i>(if CHM 113 completed)</i> MAT 210: Brief Calculus (MA) BIO 187: General Biology I BIO 188: General Biology II	4 or 3	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>Maintain good academic standing</li> </ul>
ACC 231: Uses of Accounting Information I	3	<input type="checkbox"/>			
AGB 360: Agribusiness Statistics (CS)	3	<input checked="" type="checkbox"/>			
CHM 233: General Organic Chemistry I	3	<input type="checkbox"/>			
CHM 237: General Organic Chemistry Laboratory	1	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
<b>Complete one additional course from:</b> CHM 113: General Chemistry I (SQ) CHM 116: General Chemistry II (SQ) <i>(if CHM 113 completed)</i> MAT 210: Brief Calculus (MA) BIO 187: General Biology I BIO 188: General Biology II	4 or 3	<input type="checkbox"/>			
MKT 300: Marketing and Business Performance	3	<input checked="" type="checkbox"/>			
ENG 301: Writing for Professions (L) or TWC 347 Written Communications for Managers(L)	3	<input checked="" type="checkbox"/>			
PHY 111: General Physics & PHY 113: Laboratory	3/1	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>			
MIC 205: Microbiology	3	<input type="checkbox"/>			
AGB 365: Agribusiness Technologies II	3	<input checked="" type="checkbox"/>			
Elective	1	<input type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
AGB 364: Agribusiness Technologies I	3	<input checked="" type="checkbox"/>			
BCH 361: Principles of Biochemistry	3	<input checked="" type="checkbox"/>			
MGT 300: Organizational & Management Leadership	3	<input checked="" type="checkbox"/>			
AGB 300 OR 400 Level Elective	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
Upper division elective	2	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
FIN 300: Fundamentals of Finance	3	<input checked="" type="checkbox"/>			
AGB 414: Agribusiness Analysis (L)	3	<input checked="" type="checkbox"/>			
AGB 300 OR 400 Level Elective	3	<input checked="" type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Sciences AND remaining C, G or H awareness area	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

**Bachelor of Applied Science Degree**

**Applied Science (Technical Communication)**

2009-2010 Curriculum Check Sheet

School of Letters and Sciences

Student Name _____	ID. Number _____
A.A.S. Degree _____	Date A.A.S. Degree Granted _____
A.A.S. Degree Granting Institution _____ ASU Catalog Year <u>2009-2010</u>	
B.A.S. Academic Department <b>Technical Communication</b> Advisor _____	
Number of Upper Division Transfer Credits _____	Expected Graduation Date _____
Institution of Transfer Course Work (Upper Division Only) _____	

**General Studies Sequence (19 Hours)**

	ASU	Transfer	Transfer From	Grade
Numeracy - ASC 315	3			
Science - ASC 325	4			
Literacy [L]	3			
Humanities [HU] and [H] [C]	3			
Social Science [SB]	3			
General Studies [HU or SB] and [G]	3			
<b>Sub Total</b>	<b>19</b>			<b>Hrs.</b>

**BAS Degree Summary**

**Credit Hours**

Degree Block Transfer	60
General Studies	
B.A.S. Area Core	
Technical Writing	
Assignable Credits	

Total (120 Hours Minimum) \_\_\_\_\_

**B.A.S. Area Core (15 Hours)**

	ASU	Transfer	Transfer From	Grade
TWC 301 General Principles of Multimedia Writing	3			
TWC 401 Principles of Technical Communication	3			
TWC 347 Written Communication for Managers	3			
APM 301 Introductory Statistics	3			
TWC 421 Principles of Writing with Technology	3			
<b>Sub Total</b>	<b>15</b>			<b>Hrs.</b>

**Advisor Comments**

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**Technical Writing and Communication (21-22 Hours)**

	ASU	Transfer	Transfer From	Grade
TWC 411 Principles of Visual Communication	3			
TWC 431 Principles of Technical Editing	3			
TWC 44X Genre Course	3			
TWC 45X Information Series Course	3			
TWC 490 Capstone	2-3			
TWC 3/4XX Elective	3			
TWC 3/4XX Elective	3			
<b>Sub Total</b>	<b>21-22</b>			<b>Hrs.</b>

**Assignable Credits (5-6 Hours)**

ASU Transfer Transfer From Grade

	3			
	2-3			
<b>Sub Total</b>	<b>5-6</b>			<b>Hrs.</b>

**Total Upper Division Hours** \_\_\_\_\_

**Total ASU Resident Hours** \_\_\_\_\_

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dean Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor/Chair Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
University Signature

\_\_\_\_\_  
Date

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar</li> <li>The sequence of required and elective courses will vary with each student according to individual choices and the yearly schedule of classes. HST 496, the capstone course must be taken in the final year</li> </ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Chinese, Japanese or Korean)	5	<input type="checkbox"/>		Grade of C		
Academic Success Class or First Year Seminar	1	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major.</li> </ul>	
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>				
Second Language (must be Chinese, Japanese or Korean)	5	<input type="checkbox"/>				
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>HST/REL 111: Introduction to Asia</b> <b>or HST/REL194: Introduction to Asia</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major.</li> <li>Complete First-Year Composition requirement.</li> <li>Complete Mathematical Studies (MA) requirement.</li> </ul>	
<b>East Asia Elective (China, Japan or Korea) – see list below</b>	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Chinese, Japanese or Korean)	5	<input type="checkbox"/>		Grade of C in 202		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	1	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>Outside East Asia Course (South or Southeast Asia) – see list below</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major. See advisor for proscribed list of applicable courses.</li> </ul>	
<b>East Asia Concentration Track (Chinese or Japanese) – see list below</b>	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Chinese, Japanese or Korean)	5	<input type="checkbox"/>		Grade of C in 202		
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
East Asia Concentration Track (Chinese or Japanese) – see list below	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major. See advisor for proscribed list of applicable courses.</li> </ul>	
East Asia Elective (China, Japan or Korea) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Outside East Asia Course (South or Southeast Asia) – see list below	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative (CS)	3	<input type="checkbox"/>				
Upper division Elective	3	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
East Asia Elective (China, Japan or Korea) – see list below	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major. See advisor for proscribed list of applicable courses.</li> </ul>	
East Asia Concentration Track (Chinese or Japanese) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
Outside East Asia Course (South or Southeast Asia) – see list below	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major. See advisor for proscribed list of applicable courses.</li> </ul>	
East Asia Concentration Track (Chinese or Japanese) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
Upper division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
HST 496: Asia Studies Capstone	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>East Asia students must follow either a Chinese or Japanese track within the East Asia Major. See advisor for proscribed list of applicable courses.</li> </ul>	
East Asia Concentration Track (Chinese or Japanese) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				



**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
- Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

The Asian Studies Major, East Asia concentration, requires 20 credits or their equivalent in an East Asian language (ordinarily CHI, JPN, or KOR) and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

**CONCENTRATION TRACK - CHINESE OR JAPANESE (15 hours)**

**Chinese track:**

- ARS 472: Art of China (HU)
- ARS 475: Chinese Painting (HU)
- CHI 205: Chinese Calligraphy
- CHI 321: Chinese Literature I (HU)
- CHI 322: Chinese Literature II (HU, G)
- CHI 345: Chinese Film and Civilization
- CHI 413: Introduction to Classical Chinese (HU)
- CHI 414: Introduction to Classical Chinese II (HU)
- FLA 294: Introduction to Chinese Cinema
- FLA 420: Modern Chinese Literature in Translation (HU, G)
- FLA 494: Traditional Chinese Fiction in Translation
- GCU 432: Geography of China I (SB, G)
- HPS 325: Chinese Science & Medicine (HU, G, H)
- HST 383: China (SB, H)
- HST 384: China (SB, H, G)
- HST 385: Chinese Science & Medicine (HU, G, H)
- HST 386: Interpreting China's Classics (L/HU, H)
- HST 451: Chinese Cultural History I (SB, H)
- HST 452: Chinese Cultural History II (SB, H, G)
- HST 453: The People's Republic of China (SB, H, G)
- HST 494: Historiography of China
- POS 451: China, Japan and Korea (SB, G)
- POS 452: China (SB, G)

- REL 343: Daoism (L/HU, H, G)
- REL 346: Chinese Religions
- SGS 494: China and Globalization

**Japanese track:**

- ARS 473: Art of Japan (HU)
- FLA 421: Japanese Literature in Translation (L/HU, G)
- FMS 394: History of Anime
- HST 108: Introduction to Japan (SB, G, H)
- HST 387: Japan I (L/SB, H)
- HST 388: Japan II (SB, H, G)
- HST 389: Japanese Society and Values: Pre-modern
- HST 455: The United States and Japan (SB, H, G)
- JPN 206: Calligraphy
- JPN 321: Japanese Literature
- JPN 414: Introduction to Classical Japanese
- JPN 435: Advanced Readings
- JPN 485: Problems of Translation
- POS 451: China, Japan and Korea (SB, G)
- REL 344: Religion and Values in Japanese Life (HU, G)
- REL 355: Japanese Cities & Cultures to 1800 (L/HU, H)
- REL 444: Religion in Japan
- REL 494: Hiroshima: History and Memory

**EAST ASIAN ELECTIVES (9 hours)**

- ARS 494: Buddhist Art Across Asia
- KOR 250: Korean Culture and Society
- KOR 347: Korean Film and Literature
- KOR 350: Women of Korea
- REL 394: Folk Religion in Korea

**PAN/ACROSS ASIAN COURSES (6 hours):**

- ARS 201: Art of Asia (HU, G, H)
- GCU 326: Geography of Asia (SB, G)
- HST 106: Asian Civilizations I (SB/HU, G, H)
- HST 107: Asian Civilizations II (SB, G, H)
- HST 201: Historical Themes in Asia (SB, H)
- HST 303: Women in Asia (SB, H)
- HST 310: Film as History (HU)
- POS 445: Asian Political Thought (SB, G)
- POS 468: Comparative Asian Foreign Policy (SB, G)
- PUP 494: International City Design
- REL 345: Asian Religious Traditions (HU, G)
- REL 350: Hinduism (L/HU, G)
- REL 351: Buddhism (L/HU, G)

**OUTSIDE EAST ASIA (9 hours)**

- ARS 394: Art of India and South Asia
- ARS 494: Buddhist Art Across Asia
- ARS 494/ENG 465/FMS 494: South Asian Film
- ASB 325: Peoples of Southeast Asia
- DAN 194: Dances of India
- ECN 436: International Trade Theory
- ECN 394: South Asia and the World Economy
- FLA 294/420: Southeast Asian Literature in Translation
- GCU 433: Geography of Southeast Asia
- GRA 494: Cultural, Social and Commercial Issues (winter term in India)
- HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA
- HST 303: History of Modern South Asia OR POS 357: South Asian Politics
- HST 391: Modern Southeast Asia
- HST 456: Vietnam War
- JUS 394: Information Tech. & Social Justice—beyond First World Discourse
- MHL 140: Music as Culture (for music majors only)
- MUP 387: Gamelan
- POS 358/360: Southeast Asia/Politics of Southeast Asia (one only)
- POS 468: Comparative Asian Foreign Policies
- REL 294: Southeast Asia Global Crossroads
- REL 347: Religions of Southeast Asia
- REL/SGS 294: Intro to South Asia
- REL 350: Hinduism
- REL 352: Modern Buddhism
- REL 356: Buddhism in America
- REL 357: Buddhism in Southeast Asia
- REL/HST 365: Islamic Civilization
- REL 394: Religions of India
- REL 394: Women and Goddesses in India
- SGS 394: Global Urban Systems

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar</li> <li>The sequence of required and elective courses will vary with each student according to individual choices and the yearly schedule of classes. HST 496, the capstone course must be taken in the final year</li> </ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Hindi)	4	<input type="checkbox"/>		Grade of C		
Academic Success Class or First Year Seminar	1	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below	3	<input type="checkbox"/>		Grade of C		
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Hindi)	4	<input type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>HST/REL 111: Introduction to Asia</b> <b>or HST/REL194: Introduction to Asia</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete First-Year Composition requirement.</li> <li>Complete Mathematical Studies (MA) requirement.</li> </ul>	
<b>South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh)</b> – see list below	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Hindi)	4	<input type="checkbox"/>		Grade of C in 202		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	2	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>Outside South Asia Course (East or Southeast Asia) – see list below</b>	3	<input type="checkbox"/>		Grade of C		
<b>South Asia Concentration – see list below</b>	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Hindi)	4	<input type="checkbox"/>		Grade of C in 202		
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
<b>South Asia Concentration – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>Outside South Asia Course (East or Southeast Asia) – see list below</b>	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>				
Upper division Elective	3	<input checked="" type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
<b>South Asia Elective (India, Pakistan, Nepal, Bhutan, Bangladesh) – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>South Asia Concentration – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
<b>Outside South Asia Course (East or Southeast Asia) – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>South Asia Concentration – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
Upper division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
<b>HST 496: Asia Studies Capstone</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>South Asia Concentration – see list below</b>	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

The Asian Studies Major, South Asia Track, requires 20 credits or their equivalent in a South Asian language (ordinarily HIN)\* and 45 credits in content courses (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

**SOUTH ASIA CONCENTRATION (15 hours):**

REL/SGS 294: Intro to South Asia (REQUIRED)  
REL 394: Religions of India  
REL 394: Women and Goddesses in India  
REL 350: Hinduism  
ARS 394: Art of India and South Asia  
ECN 394: South Asia and the World Economy  
HST 303: History of Modern South Asia  
OR  
POS 357: South Asian Politics

**SOUTH ASIA ELECTIVES (9 hours):**

ARS 494/ENG 465/FMS 494: South Asian Film  
ARS 494: Buddhist Art Across Asia  
ECN 436: International Trade Theory  
DAN 194: Dances of India  
GRA 494: Commercial & Social Issues (winter term in India)  
GRA 494: Cultural, Social and Commercial Issues (winter term in India)

JUS 394: Information Technology and Social Justice – beyond First World Discourse  
MHL 140: Music as Culture (for music majors only)  
POS 360: The International Politics of the Asia-Pacific  
POS468: Comparative Asian Foreign Policies  
REL/HST 365: Islamic Civilization

**PAN/ACROSS ASIAN COURSES (6 hours):**

ARS 201: Art of Asia  
HST 106: Asian Civilizations I (SB/HU, G, H)  
HST 107: Asian Civilizations II (SB, G, H)  
HST 201: Historical Themes in Asia  
HST 303: Women in Asia  
HST 310: Film as History

POS 445: Asian Political Thought  
POS 468: Comparative Asian Foreign Policy  
GCU 326: Geography of Asia  
PUP 494: International City Design  
REL 345: Asian Religious Traditions  
REL 351: Buddhism

**OUTSIDE SOUTH ASIA (9 hours):**

ARS 472: Art of China (HU)  
ARS 473: Art of Japan (HU)  
ARS 475: Chinese Painting (HU)  
ARS 494: Buddhist Art Across Asia  
ASB 325: Peoples of Southeast Asia  
CHI 205: Chinese Calligraphy  
CHI 321: Chinese Literature I (HU)  
CHI 322: Chinese Literature II (HU, G)  
CHI 345: Chinese Film and Civilization  
CHI 413: Introduction to Classical Chinese (HU)  
CHI 414: Introduction to Classical Chinese II (HU)  
FLA 294: Introduction to Chinese Cinema  
FLA 294/420: Southeast Asian Literature in Translation  
FLA 420: Modern Chinese Literature in Translation (HU, G)  
FLA 421: Japanese Literature in Translation (L/HU, G)  
FLA 494: Traditional Chinese Fiction in Translation

FMS 394: History of Anime  
GCU 432: Geography of China I (SB, G)  
GCU 433: Geography of Southeast Asia  
HPS 325: Chinese Science & Medicine (HU, G, H)  
HST 108: Introduction to Japan (SB, G, H)  
HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA  
HST 383: China (SB, H)  
HST 384: China (SB, H, G)  
HST 385: Chinese Science & Medicine (HU, G, H)  
HST 386: Interpreting China's Classics (L/HU, H)  
HST 387: Japan I (L/SB, H)  
HST 388: Japan II (SB, H, G)  
HST 389: Japanese Society and Values: Pre-modern  
HST 391: Modern Southeast Asia  
HST 451: Chinese Cultural History I (SB, H)  
HST 452: Chinese Cultural History II (SB, H, G)  
HST 453: The People's Republic of China (SB, H, G)  
HST 455: The United States and Japan (SB, H, G)

HST 456: Vietnam War  
HST 494: Historiography of China  
JPN 206: Calligraphy  
JPN 321: Japanese Literature  
JPN 414: Introduction to Classical Japanese  
JPN 435: Advanced Readings  
JPN 485: Problems of Translation  
JUS 394: Information Technology and Social Justice—beyond First World Discourse  
KOR 250: Korean Culture and Society  
KOR 347: Korean Film and Literature  
KOR 350: Women of Korea  
MUP 387: Gamelan  
REL 294: Southeast Asia Global Crossroads  
REL 343: Daoism (L/HU, H, G)  
REL 344: Religion and Values in Japanese Life (HU, G)  
REL 346: Chinese Religions

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Tracking Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend HST 106 (HU or SB, G, H) or HST 107 (SB, G, H)] – see list below	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>• ASU Math Placement Exam score determines placement in Mathematics course All freshmen are required to pass an academic success class and therefore must enroll in an Academic Success Cluster and/or a First Year Seminar</li> <li>• The sequence of required and elective courses will vary with each student according to individual choices and the yearly schedule of classes. HST 496, the capstone course must be taken in the final year</li> </ul>	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Vietnamese, Thai, or Indonesian)	5	<input type="checkbox"/>		Grade of C in 202		
Academic Success Class or First Year Seminar	1	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>Pan Asia Course</b> [Recommend ARS 201 (HU, G, H) or HST 201 (SB, H)] – see list below	3	<input type="checkbox"/>		Grade of C		
ENG 101/107: First-Year Composition/English for Foreign Students ENG 102/108: First-Year Composition/ English for Foreign Students ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Natural Science – Quantitative or General (SQ/SG)	4	<input type="checkbox"/>				
Second Language (must be Vietnamese, Thai, or Indonesian)	5	<input type="checkbox"/>		Grade of C in 202		
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>HST/REL 111: Introduction to Asia</b> <b>or HST/REL194: Introduction to Asia</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>• Complete First-Year Composition requirement.</li> <li>• Complete Mathematical Studies (MA) requirement.</li> </ul>	
<b>Southeast Asia Elective</b> (Thailand, Malaysia, Indonesia, Philippines, Cambodia, Vietnam, Laos, Singapore, Burma) – see list below	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Vietnamese, Thai, Indonesian)	5	<input type="checkbox"/>		Grade of C in 202		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Elective	1	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>Outside Southeast Asia Course (South or East Asia)</b> – see list below	3	<input type="checkbox"/>		Grade of C		
<b>Southeast Asia Concentration</b> – see list below	3	<input type="checkbox"/>		Grade of C		
Second Language (must be Vietnamese, Thai, or Indonesian)	5	<input type="checkbox"/>		Grade of C in 202		
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
Southeast Asia Concentration (G) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, Cambodia, Vietnam, Laos, Singapore, Burma) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Outside Southeast Asia Course (South or East Asia) – see list below	3	<input type="checkbox"/>		Grade of C		
Computer/Statistics/Quantitative (CS)	3	<input type="checkbox"/>				
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
Southeast Asia Elective (Thailand, Malaysia, Indonesia, Philippines, Cambodia, Vietnam, Laos, Singapore, Burma) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Southeast Asia Concentration – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
Upper division Humanities, Fine Arts, and Design (HU) <u>or</u> Social and Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
Outside Southeast Asia Course (South or East Asia) – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Southeast Asia Concentration – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Elective	3	<input checked="" type="checkbox"/>				
Upper division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
HST 496: Asia Studies Capstone	3	<input checked="" type="checkbox"/>		Grade of C		
Southeast Asia Concentration – see list below	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU ( minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

The Asia Studies Major, Southeast Asia concentration, requires *20 credits or their equivalent in a Southeast Asian language* (ordinarily VTN, THAI, or IND) and *39 credits in content courses* (of which at least 24 must be upper division credits, i.e., from courses numbered 300 or above), as follows. Consult with your advisor regarding final course selection.

**SOUTHEAST ASIA CONCENTRATION (15 hours):**

HST/REL/ASB/GCU/POS/SGS 240: Intro to SEA (HU or SB, G) (REQUIRED)

ASB 325: Peoples of Southeast Asia (G) (REQUIRED)

REL 347: Religions of Southeast Asia (REQUIRED)

HST 391: Modern Southeast Asia (SB, G, H) (REQUIRED)

POS 358: Southeast Asia (SB, G) (1 OF THE 2 ARE REQUIRED)

OR

SGS 394: Global Urban Systems (1 OF THE 2 ARE REQUIRED)

**SOUTHEAST ASIA ELECTIVE COURSES (9 Hours)**

ARS 494: Buddhist Art Across Asia

FLA 294/420: Southeast Asian Literature in Translation

GCU 433: Geography of Southeast Asia

HST 456: Vietnam War (SB, G, H)

JUS 394: Information Technology and Social Justice—beyond First World Discourse

MUP 387: Gamelan

POS 360: The International Politics of the Asia-Pacific

POS 468: Comparative Asian Foreign Policies

REL 294: Southeast Asia Global Crossroads

REL 357: Buddhism in Southeast Asia

REL 352: Modern Buddhism

REL 356: Buddhism in America

**PAN/ACROSS ASIAN COURSES (6 hours)**

GCU 326: Geography of Asia

ARS 201: Art of Asia

HST 106/107: Asian Civilizations

HST 201: Historical Themes in Asia

HST 303: Women in Asia

HST 310: Film as History

POS 445: Asian Political Thought

POS 468: Comparative Asian Foreign Policy

PUP 494: International City Design

REL 345: Asian Religious Traditions

REL 350: Hinduism

REL 351: Buddhism

**OUTSIDE SOUTHEAST ASIA (9 hours)**

ARS 394: Art of India and South Asia

ARS 494: Buddhist Art Across Asia

ARS 494/ENG 465/FMS 494: South Asian Film

ARS 494: Buddhist Art Across Asia

ARS 473: Art of Japan (HU)

ARS 472: Art of China (HU)

ARS 475: Chinese Painting (HU)

CHI 205: Chinese Calligraphy

CHI 321: Chinese Literature I (HU)

CHI 322: Chinese Literature II (HU, G)

CHI 345: Chinese Film and Civilization

CHI 413: Introduction to Classical Chinese (HU)

CHI 414: Introduction to Classical Chinese II (HU)

DAN 194: Dances of India

ECN 394: South Asia and the World Economy

ECN 436: International Trade Theory

FLA 294: Introduction to Chinese Cinema

FLA 420: Modern Chinese Lit. in Translation (HU, G)

FLA 421: Japanese Literature in Translation (L/HU, G)

FLA 494: Traditional Chinese Fiction in Translation

FMS 394: History of Anime

GCU 432: Geography of China I (SB, G)

GRA 494: Commercial & Social Issues (winter term in India)

GRA 494: Cultural, Social and Commercial Issues (winter term in India)

HPS 325: Chinese Science & Medicine (HU, G, H)

HST 108: Introduction to Japan (SB, G, H)

HST 303: History of Modern South Asia

OR

POS 357: South Asian Politics

HST 383: China (SB, H)

HST 384: China (SB, H, G)

HST 385: Chinese Science & Medicine (HU, G, H)

HST 386: Interpreting China's Classics (L/HU, H)

HST 387: Japan I (L/SB, H)

HST 388: Japan II (SB, H, G)

HST 389: Japanese Society and Values: Pre-modern

HST 451: Chinese Cultural History I (SB, H)

HST 452: Chinese Cultural History II (SB, H, G)

HST 453: The People's Republic of China (SB, H, G)

HST 455: The United States and Japan (SB, H, G)

HST 494: Historiography of China

JPN 206: Calligraphy

JPN 321: Japanese Literature

JPN 414: Introduction to Classical Japanese

JPN 435: Advanced Readings

JPN 485: Problems of Translation

JUS 394: Information Technology and Social Justice – beyond First World Discourse

KOR 250: Korean Culture and Society

KOR 347: Korean Film and Literature

KOR 350: Women of Korea

MHL 140: Music as Culture (for music majors only)

POS 360: The International Politics of the Asia-Pacific

POS 451: China, Japan and Korea (SB, G)

POS 452: China (SB, G)

POS468: Comparative Asian Foreign Policies

REL 343: Daoism (L/HU, H, G)

REL 346: Chinese Religions

REL 344: Religion and Values in Japanese Life (HU, G)

REL 355: Japanese Cities & Cultures to 1800 (L/HU, H)

REL/HST 365: Islamic Civilization

REL 444: Religion in Japan

REL 494: Hiroshima: History and Memory

REL 394: Folk Religion in Korea

REL/SGS 294: Intro to South Asia

REL 394: Religions of India

REL 394: Women and Goddesses in India

REL 350: Hinduism

SGS 494: China and Globalization

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
WPC 101: Student Success in Business	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement in first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>Submission of a Current SAT Reasoning score or ACT score (we do not require the writing portion of these tests) by the end of the first semester in the program.</li> <li>See academic advisor for appropriate Student Success course requirement if not a first-time freshman.</li> </ul>
<b>CIS 105: Computer Applications and Information Technology (CS)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I</b>	3/4	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
PGS course (SB):	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU):	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<i>Complete 1 course from:</i> <b>ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)</b>	3	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ):	4	<input type="checkbox"/>			
SOC course (SB):	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<i>Complete remaining course from:</i> <b>ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Completed First-Year Composition requirement</li> </ul> <p><b>Global Politics Concentration courses (two courses required from each group):</b>  Comparative Politics:  POS 150 POS 350 POS 356 POS 453 POS 454  World Politics:  POS 160 POS 300 POS 360 POS 486  Global Issues and Problems:  POS 351 POS 361 POS 364 POS 368</p>
<b>ACC 231: Uses in Accounting Information I</b>	3	<input type="checkbox"/>		Grade of C	
<b>Global Politics Concentration course (SB/G)</b>	3	<input type="checkbox"/>		Grade of C	
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>			
COM 100: Introduction to Human Communication (SB) or COM 225: Public Speaking (L) or COM 230: Small Group Communication (SB) or COM 259: Communication in Business and the Professions	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>ECN 221: Business Statistics (CS)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Lower division business critical courses must be completed by the end of the fourth term in the program</li> </ul> <p><b>Global Politics Concentration courses (two courses required from each group):</b>  Comparative Politics:  POS 150 POS 350 POS 356 POS 453 POS 454  World Politics:  POS 160 POS 300 POS 360 POS 486  Global Issues and Problems:  POS 351 POS 361 POS 364 POS 368</p>
<b>ACC 241: Uses of Accounting Information II</b>	3	<input type="checkbox"/>		Grade of C	
<b>Global Politics Concentration course</b>	3	<input type="checkbox"/>		Grade of C	
WPC 301: Business Forum	1	<input checked="" type="checkbox"/>		Grade of C	
ENG 302: Business Writing (L) or ENG 301: Writing for Prof (L)	3	<input checked="" type="checkbox"/>			
Historical Awareness (H):	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
SCM 300: Global Supply Operations	3	<input checked="" type="checkbox"/>		Grade of C	<p><b>Global Politics Concentration courses (two courses required from each group):</b>  Comparative Politics:  POS 150 POS 350 POS 356 POS 453 POS 454  World Politics:  POS 160 POS 300 POS 360 POS 486  Global Issues and Problems:  POS 351 POS 361 POS 364 POS 368</p>
MKT 300: Marketing and Business Performance	3	<input checked="" type="checkbox"/>		Grade of C	
<b>Global Politics Concentration course (SB/G)</b>	3	<input checked="" type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ) or General (SG):	4	<input type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
MGT 300: Organization & Management Leadership	3	<input checked="" type="checkbox"/>		Grade of C	<p><b>Global Politics Concentration courses (two courses required from each group):</b>  Comparative Politics:  POS 150 POS 350 POS 356 POS 453 POS 454  World Politics:  POS 160 POS 300 POS 360 POS 486  Global Issues and Problems:  POS 351 POS 361 POS 364 POS 368</p>
<b>Global Politics Concentration course (SB/G)</b>	3	<input checked="" type="checkbox"/>		Grade of C	
Cultural Diversity (C):	3	<input type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU):	3	<input checked="" type="checkbox"/>			
Upper division General Education Elective:	3	<input checked="" type="checkbox"/>			

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
FIN 300: Fundamentals of Finance	3	<input checked="" type="checkbox"/>		Grade of C	<b>Global Politics Concentration courses (two courses required from each group):</b> Comparative Politics: POS 150 POS 350 POS 356 POS 453 POS 454 World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368
Global Politics Concentration course (SB/G)	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division General Education Elective:	3	<input checked="" type="checkbox"/>			
Upper division Elective:	3	<input checked="" type="checkbox"/>			
Upper division Elective:	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
LES 305: Legal, Ethical and Regulatory Issues in Business	3	<input checked="" type="checkbox"/>		Grade of C	<b>Global Politics Concentration courses (two courses required from each group):</b> Comparative Politics: POS 150 POS 350 POS 356 POS 453 POS 454 World Politics: POS 160 POS 300 POS 360 POS 486 Global Issues and Problems: POS 351 POS 361 POS 364 POS 368
Global Politics Concentration course (SB/G)	3	<input checked="" type="checkbox"/>		Grade of C	
International Business Course (G):	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective:	3	<input checked="" type="checkbox"/>			
Elective:	2	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120)	Total Hrs at ASU (30)	Hrs Resident Credit for Academic Recognition (56)	Transfer UD Bus. Hrs (9 max)	Overall GPA (2.000 Min.)	BUS GPA (2.000 Min.)	Major GPA (2.000 Min.)	C Min. Req.	Total UD Hrs (51)	Total Comm. College Hrs. (64 Max)	Total Comm. Coll. Bus. Hrs. (30 Max)

**General University Requirements: Legend**

- **General Studies Core Requirements:**
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- **General Studies Awareness Requirements:**
  - Cultural Diversity in the U.S. (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- **First-Year Composition**

**Additional Notes:**



Course Subject and Title (courses in <i>bold/shading</i> are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
WPC 101: Student Success in Business	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement in first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>Submission of a Current SAT Reasoning score or ACT score (we do not require the writing portion of these tests) by the end of the first semester in the program.</li> <li>See academic advisor for appropriate Student Success course requirement if not a first-time freshmen.</li> </ul>
<b>CIS 105: Computer Applications and Information Technology (CS)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 210: Brief Calculus (MA) or MAT 270: Calculus with Analytic Geometry I</b>	3 / 4	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
PGS course (SB):	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU):	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<i>Complete 1 course from:</i> <b>ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C	
<b>MAT 211: Mathematics for Business Analysis or MAT 271: Calculus with Analytic Geometry II (MA)</b>	3	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ):	4	<input type="checkbox"/>			
SOC course (SB):	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<i>Complete remaining course from:</i> <b>ECN 211: Macroeconomic Principles (SB) - OR - ECN 212: Microeconomic Principles (SB)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Completed First-Year Composition requirement</li> </ul>
<b>ACC 231: Uses in Accounting Information I</b>	3	<input type="checkbox"/>		Grade of C	
<b>LAW 105: Structure/Methodology-American Legal System</b>	3	<input type="checkbox"/>		Grade of C	
Literacy and Critical Inquiry (L):	3	<input type="checkbox"/>			
COM 100: Introduction to Human Communication or COM 225: Public Speaking (L) or COM 230: Small Group Communication or COM 259: Communication in Business and the Professions	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>ECN 221: Business Statistics (CS)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Lower division business critical courses must be completed by the end of the fourth term in the program</li> </ul>
<b>ACC 241: Uses of Accounting Information II</b>	3	<input type="checkbox"/>		Grade of C	
<b>LAW 194: Special Topics (Law of the Deal)</b>	3	<input type="checkbox"/>		Grade of C	
WPC 301: Business Forum	1	<input checked="" type="checkbox"/>		Grade of C	
ENG 302: Business Writing (L) or ENG 301: Writing for Prof (L)	3	<input checked="" type="checkbox"/>			
Historical Awareness (H):	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
SCM 300: Global Supply Operations	3	<input checked="" type="checkbox"/>		Grade of C	
MKT 300: Principles of Marketing	3	<input checked="" type="checkbox"/>		Grade of C	
LAW 294: Special Topics (Introduction to Corporate Law)	3	<input type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ) or General (SG):	4	<input type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
MGT 300: Organizational Management and Leadership	3	<input checked="" type="checkbox"/>		Grade of C	See 2 <sup>nd</sup> page for list of approved LAW concentration courses.
LAW Concentration course:	3	<input checked="" type="checkbox"/>		Grade of C	
Cultural Diversity (C):	3	<input type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU):	3	<input checked="" type="checkbox"/>			
Upper division General Education Elective:	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
FIN 300: Fundamentals of Finance	3	<input checked="" type="checkbox"/>		Grade of C	
LAW Concentration course:	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division General Education Elective:	3	<input checked="" type="checkbox"/>			
Upper division Elective:	3	<input checked="" type="checkbox"/>			
Upper division Elective:	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
LES 305: Legal, Ethical and Regulatory Issues in Business	3	<input checked="" type="checkbox"/>		Grade of C	
International Business Course (G):	3	<input checked="" type="checkbox"/>		Grade of C	
LAW Concentration course:	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective:	3	<input checked="" type="checkbox"/>			
Upper Division Elective:	2	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120)	Total Hrs at ASU (30)	Hrs Resident Credit for Academic Recognition (56)	Transfer UD Bus. Hrs (9 max)	Overall GPA (2.000 Min.)	BUS GPA (2.000 Min.)	Major GPA (2.000 Min.)	C Min. Req.	Total UD Hrs (51)	Total Comm. College Hrs. (64 Max)	Total Comm. Coll. Bus. Hrs. (30 Max)

**General University Requirements: Legend**

• **General Studies Core Requirements:**

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative applications (CS)
- Humanities, Fine Arts, and Design (HU)
- Social and Behavioral Sciences (SB)
- Natural Science-Quantitative (SQ)
- Natural Science-General (SG)

• **General Studies Awareness Requirements:**

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

• **First-Year Composition**

**Additional Notes:**

**Approved Upper-Division LAW Concentration Courses for the BA in Business (Law)**

- LAW 394 ST: Employment Law
- LAW 394 ST: Intellectual Property Strategies
- LAW 394 ST: International Business Transactions
- LAW 394 ST: Law and Business Globalization
- LAW 394 ST: White Collar Crime & Internal Investigations
- LAW 394 ST: Dispute Resolution
- LAW 394 ST: Negotiating & Drafting of Business Contracts
- LAW 494 ST: Technology Venture Clinic

**Prior to term 1:**

**Milestone 1:** All students who wish to enroll in an undergraduate dance degree program are required to pass an interview.

- **Prospective students:** Interviews take place in February. Students who do not pass the interview must participate in the following fall semester Enrolled Student Interview. These students will take non-major technique classes to help prepare for this interview.
- **Enrolled (current) students:** Interviews take place February and November. Students who do not pass the interview must participate in the Enrolled Student Interview in the following semester. These students will take non-major technique classes to help prepare for this interview.

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
<b>DCE 170: First-Year Seminar I</b>	1	<input type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"> <li>• (Not required of transfer students)</li> <li>• An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>• ASU Math Placement Exam score determines placement in Mathematics course</li> <li>• Completed First-Year Composition requirement by the end of term 3</li> <li>• Students must complete MAT 142 or higher by the end of term 2</li> </ul>
<b>DCE 130 First-Year Movement Practices I</b>	2	<input type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 160: First-Year Creative Practices I</b>	3	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>DCE 171: First-Year Seminar II</b>	1	<input type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"> <li>• Complete First-Year Composition requirement by the end of term 3</li> <li>• Students must complete MAT 142 or higher by the end of term 2</li> </ul>
<b>DCE 131: First-Year Movement Practices II</b>	2	<input type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235 or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 161: First-Year Creative Practices II</b>	3	<input type="checkbox"/>		Grade of C	
DCE 201: Dance, Culture & Global Contexts (HU, G)	3	<input type="checkbox"/>		Grade of C	
ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C	
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>DCE 270: Second-Year Seminar I</b>	1	<input type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"> <li>• Complete First-Year Composition requirement by the end of term 3</li> </ul>
<b>DCE 230: Second-Year Movement Practices I</b>	2	<input type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235 or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 260: Second-Year Creative Practices I</b>	3	<input type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>		Grade of C	
Computer/Statistics/Quantitative applications (CS) (DCE 340: Dance, Computers and Multimedia recommended)	3	<input checked="" type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>DCE 271: Second-Year Seminar II</b>	1	<input type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"> <li>• Must complete DCE 201 by the end of term 4.</li> </ul>
<b>DCE 231: Second-Year Movement Practices II</b>	2	<input type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235 or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 261: Second-Year Creative Practices II</b>	3	<input type="checkbox"/>		Grade of C	
<b>DCE 354: Creative Approaches to Teaching Dance I</b>	3	<input checked="" type="checkbox"/>		Grade of C	
DCE 401: Dance History (HU)	3	<input checked="" type="checkbox"/>		Grade of C	
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
<b>DCE 370: Third-Year Seminar I</b>	1	<input checked="" type="checkbox"/>		Grade of Y	
<b>DCE 330: Third-Year Movement Practices I</b>	2	<input checked="" type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235, 334, 335, or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 360: Third-Year Creative Practices I</b>	3	<input checked="" type="checkbox"/>		Grade of C	
<b>DCE 356: Creative Approaches to Teaching Dance II</b>	3	<input checked="" type="checkbox"/>		Grade of C	
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C) OR Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
<b>DCE 371: Third-Year Seminar II</b>	1	<input checked="" type="checkbox"/>		Grade of Y	<ul style="list-style-type: none"> <li>• Must complete DCE 401 by the end of term 6.</li> </ul>
<b>DCE 331: Third-Year Movement Practices II</b>	2	<input checked="" type="checkbox"/>		Grade of C	
<b>Personal Movement Practices Requirement – Complete one course from: DCE 134, 135, 234, 235, 334, 335, or 494 Technique &amp; Theory</b>	2/3	<input type="checkbox"/>		Grade of C	
<b>DCE 361: Third-Year Creative Practices II</b>	3	<input checked="" type="checkbox"/>		Grade of C	
<b>DCE 302: Cross-Cultural Dance Studies (L)</b>	3	<input checked="" type="checkbox"/>		Grade of C	
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>			

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
DCE 470: Fourth-Year Seminar I	1	<input checked="" type="checkbox"/>		Grade of Y	Must complete DCE 354 by end of term 6.
DCE 460: Transition Project I	2	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Dance Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Social & Behavioral Science (SB) AND Cultural Awareness in the US (C) OR Historical Awareness (H)	3	<input type="checkbox"/>			
DCE 301: Philosophy and Criticism of Dance (L)	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
DCE 471: Fourth-Year Seminar II	1	<input checked="" type="checkbox"/>		Grade of Y	
DCE 461: Transition Project II	2	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Dance Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective (as needed to meet 120 minimum hrs rqmt)	0-3	<input type="checkbox"/>			
Elective (as needed to meet 120 minimum hrs rqmt)	0-3	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

Course Subject and Title (courses in <i>bold/shading</i> are critical courses)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
<b>THE 125 Orientation to Theatre &amp; Film</b>	1	<input type="checkbox"/>		Grade of B-	<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>First-year composition requirement must be completed by end of term 3</li> <li>MAT 142 (or higher) (MA) must be completed by end of term 2</li> <li>Minimum 3.0 cumulative GPA required in Theatre and Film courses</li> <li>Minimum 2.5 cumulative GPA required for FMP Concentration</li> </ul>	
<i>Complete 1 course from Film core:</i> <b>FMS 100 Intro to Film (HU)</b> <b>FMS 200 Film History (HU)</b> <b>FMP 201 Film: The Creative Process I (HU)</b> <b>FMS 270 Race &amp; Gender in American Film (HU, C)</b> <b>FMP 250 Sex &amp; Violence in Film &amp; TV: Ethics Survey</b> <b>THP 261 Intro to Screenwriting</b>	3	<input type="checkbox"/>		Grade of C		
<b>THP 101 OR</b> <i>1 additional course from Film Core: FMS 100, FMS 200, FMS 270, FMP 201, FMP 250, or THP 261</i>	3	<input type="checkbox"/>		Grade of C		
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
MAT 142 College Mathematics (MA):	3	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<i>Complete 2 additional courses from Film core: FMS 100 Intro to Film (HU), FMS 200 Film History (HU), FMP 201 Film: The Creative Process I (HU), FMS 270 Race &amp; Gender in American Film (HU, C), FMP 250 Sex &amp; Violence in Film &amp; TV: Ethics Survey, THP 261 Intro to Screenwriting</i>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>First-year composition requirement must be completed by end of term 3</li> <li>MAT 142 (or higher) (MA) must be completed by end of term 2</li> <li>Minimum 3.0 cumulative GPA required in Theatre and Film courses</li> <li>Minimum 2.5 cumulative GPA required for FMP Concentration</li> <li>MILESTONE – If planning to apply for the Film and Media Production Concentration, a 3.0 GPA in the Film Core and successful completion of an interview and portfolio review are required in the semester in which student is completing the Film core. See <a href="http://theatre.asu.edu/academics/undergraduate/admissions/theatre.htm">http://theatre.asu.edu/academics/undergraduate/admissions/theatre.htm</a></li> </ul>	
<b>THP 101 OR</b> <i>1 additional course from Film Core: FMS 100, FMS 200, FMS 270, FMP 201, FMP 250, or THP 261</i>	3	<input type="checkbox"/>		Grade of C		
ENG 101 or 102: First-Year Composition or ENG 107 or 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Social and Behavioral Science (SB) and Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<i>Complete remaining Film core courses: FMS 100 Intro to Film (HU), FMS 200 Film History (HU), FMP 201 Film: The Creative Process I (HU), FMS 270 Race &amp; Gender in American Film (HU, C), FMP 250 Sex &amp; Violence in Film &amp; TV: Ethics Survey, THP 261 Intro to Screenwriting</i>	3	<input type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>First-Year Composition Completed</li> <li>Minimum 3.0 cumulative GPA required in Theatre and Film courses</li> <li>Minimum 2.5 cumulative GPA required for FMP Concentration</li> <li>MILESTONE – If planning to apply for the Film and Media Production Concentration, a 3.0 GPA in the Film Core and successful completion of an interview and portfolio review are required in the semester in which student is completing the Film core. See <a href="http://theatre.asu.edu/academics/undergraduate/admissions/theatre.htm">http://theatre.asu.edu/academics/undergraduate/admissions/theatre.htm</a></li> </ul>
<b>THE 220 Principles of Dramatic Analysis (HU or L)</b> Or Elective	3	<input type="checkbox"/>		Grade of C in THE 220		
Social and Behavioral Science (SB) and Global Awareness (G)	3	<input type="checkbox"/>				
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>				
<b>TRACKING TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>FMP 300 Focus on Film: Film Production Part I or Related Study Elective (film course outside School of Theatre &amp; Film)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 3.0 cumulative GPA required in Theatre and Film courses</li> <li>Complete THE 220 by the end of term 4.</li> </ul>	
<b>THE 220 Principles of Dramatic Analysis (HU or L) or if completed take Upper division film elective (choose from film courses with FMP, THE or THP prefix)</b>	3	<input checked="" type="checkbox"/>				
Upper Division Literacy (L)	3	<input checked="" type="checkbox"/>				
Natural Science Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>				
Upper Division Elective	3	<input checked="" type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
Upper division film elective – choose from film courses with FMP, THE or THP prefix	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 3.0 cumulative GPA required in Theatre and Film courses</li> <li>Complete FMP 300 by the end of term 5.</li> </ul>	
<b>THE 403: Independent Film (HU)</b>	3	<input checked="" type="checkbox"/>		Grade of C		
<b>FMP 300 Focus on Film: Film Production Part I or Related Study Elective: Film course outside School of Theatre and Film</b>	3	<input checked="" type="checkbox"/>		Grade of C in FMP 300		
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

Course Subject and Title <i>(courses in bold/shading are critical courses)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
Upper Division Related Study Elective: Film course outside School of Theatre and Film	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 3.0 cumulative GPA required in Theatre and Film courses
Upper division film elective – choose from film courses with FMP, THE or THP prefix	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
FMP 494: Film Production Crew or FMP 484 Internship	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 3.0 cumulative GPA required in Theatre and Film courses
Upper division film elective – choose from film courses with FMP, THE or THP prefix	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
Upper Division Related Study Elective: Film course outside School of Theatre and Film	3	<input checked="" type="checkbox"/>		Grade of C	• Minimum 3.0 cumulative GPA required in Theatre and Film courses
Upper division film elective – choose from film courses with FMP, THE or THP prefix	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120)	Total UD Hrs (minimum 45)	Cumulative GPA (2.00 minimum)	Major GPA (2.0 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

Course Subject and Title <i>(courses in bold/shading are courses)</i>	Hrs.	Upper Div.	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only; not required of transfer students.</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> </ul>
<b>CHM 101: Introductory Chemistry (SQ)</b>	4	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>HSC 210: Cultural Aspects of Health</b>	3	<input type="checkbox"/>		Grade of C	
<b>HCR 220: Intro to Nursing &amp; Healthcare Systems (H)</b>	3	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
Historical Awareness (H)	3	<input type="checkbox"/>			
PHI 101: Introduction to Philosophy (HU)	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>BIO 201: Human Anatomy and Physiology I (SG)</b>	4	<input type="checkbox"/>		Grade of C	* HSC students are required to take a statistics course to fulfill their (CS) general studies requirement.
Approved Medical or Technical Writing/Communications course (see additional notes on page 2 for approved courses)	3	<input type="checkbox"/>		Grade of C	
Approved statistics course (CS) *	3	<input type="checkbox"/>		Grade of C	
Cultural Diversity in the US (C)	3	<input type="checkbox"/>			
Elective <i>or</i> minor course	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>NTR 241: Human Nutrition</b>	3	<input type="checkbox"/>		Grade of C	
<b>BIO 202: Human Anatomy and Physiology II (SG)</b>	4	<input type="checkbox"/>		Grade of C	
Social & Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Global Awareness (G)	3	<input type="checkbox"/>			
Elective <i>or</i> minor course	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
HSC 300: Complementary Health Care	3	<input checked="" type="checkbox"/>		Grade of C	
HSC 320: Applied Medical/Healthcare Ethics	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 340 Applications in Human Nutrition	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 302 Fundamentals of Wellness (L)	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 346: Health Promotion and Program Evaluation	3	<input checked="" type="checkbox"/>		Grade of C	
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
NTR 351: Nutrition and Health Communications (L)	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 342: Health Behavior Change	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 350: Substance Abuse and Addictive Behavior	3	<input checked="" type="checkbox"/>		Grade of C	
NTR 350: Nutrition Counseling (SB)	3	<input checked="" type="checkbox"/>		Grade of C	
Elective <i>or</i> minor course	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
HSC 330: Health Care Systems in the U.S.	3	<input checked="" type="checkbox"/>		Grade of C	
HSC 400: Practicum in Interdisciplinary Health Sciences	3	<input checked="" type="checkbox"/>		Grade of C	
HSC 420: Evaluation of Health Sciences Research	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division elective <i>or</i> minor course	3	<input checked="" type="checkbox"/>			
Upper division elective <i>or</i> minor course	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
HSC 499 Individualized Instruction	2	<input checked="" type="checkbox"/>		Grade of C	
NTR 450: Nutrition in the Life Cycle I (SB)	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
Elective <i>or</i> minor course	3	<input type="checkbox"/>			
Elective <i>or</i> minor course	3	<input type="checkbox"/>			
Upper division elective <i>or</i> minor course	3	<input checked="" type="checkbox"/>			



**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total upper division Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

HSC students are required to take a statistics course to fulfill their (CS) general studies requirement. Students must see their advisor for approval *prior* to registering for the course.

Approved courses that fulfill the Medical/Technical Writing Communications requirement:

- ENG 215: Strategies of Academic Writing (3) L
- ENG 216: Persuasive Writing on Public Issues (3) L
- ENG 301: Writing for Professions (3) L
- TWC 301: General Principles of Multimedia Writing (3) L
- NTR 351: Nutrition & Health Communications (3) L
- TWC 347: Written Communication for Managers (3) L
- TWC 401: Principles of Technical Communication (3) L
- TWC 446: Technical and Scientific Reports (3) L

HSC majors in the Healthy Lifestyles Coaching concentration *might* also be interested in completing a minor in Nonprofit Administration, which requires 15 credits:

- Required:** NLM 160 Voluntary Action and Community Leadership (3 cr)  
 NLM 220 Introduction to Nonprofit Organizations (3 cr)
- Choose 3 courses:** NLM 300 Fund Raising and Resource Development (3 cr; Fall only)  
 NLM 301 Sustainable Communities (3 cr)  
 NLM 302 Inclusive Community Development (3 cr)  
 NLM 310 Volunteer Management (3 cr; Spring only)  
 NLM 435 Service Learning for Community Development (3 cr)  
 NLM 494 Special Topics, as approved by SCRD advisor  
 PRM 424 Recreation Program Management (3 cr; Spring only)  
 PRM 486 Special Events Management (3 cr)

Suggested General Studies Courses (*may have prerequisites that must be met prior to enrolling*):

- PGS 101: Introduction to Psychology (3) [SB]
- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- MIC 205 & 206: Microbiology with Lab (4) [SG]
- CDE 232: Human Development (3) [SB]
- NTR 348: Cultural Aspects of Food (3) [SB & C & G]
- SOC 353: Death and Dying: Cross Cultural Perspectives (3) [HU or SB & G]
- SOC 427: Sociology of Health & Illness (3) [L or SB]

Suggested Electives (*may have prerequisites that must be met prior to enrolling*):

- EXW 300: Foundations of Exercise and Wellness (3)
- NTR 300: Computer Applications in Nutrition (3)
- EXW 325: Fitness for Life (3)
- NTR 346: Sports Nutrition (3)
- EXW 400: Stress Management for Wellness (3)

HSC majors in the Healthy Lifestyles Coaching concentration *might* also be interested in Vulnerable Populations. If this is so, the following courses are suggested to take as electives within the degree.

- ALD 420: Health Issues and Older Adults (3)
- GRN 420: Health Aspects of Aging (3)
- SOC 424: Women and Health (3)
- EXW 450: Cultural and Social Issues in Exercise and Wellness (3)

Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Div.	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	Additional Critical Requirement Notes
			Transfer Course/Grade	Minimum Grade if Required		
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>				<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only; not required of transfer students.</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> </ul>
<b>MAT 142: College Mathematics (MA)</b>	3	<input type="checkbox"/>		Grade of C		
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
Natural Science-General (SG) or Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
Global Awareness (G)	3	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>HSC 210: Cultural Aspects of Health</b>	3	<input type="checkbox"/>		Grade of C		
<b>PGS 101: Introduction to Psychology (SB)</b>	3	<input type="checkbox"/>		Grade of C		
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C		
PHI 101: Introduction to Philosophy (HU)	3	<input type="checkbox"/>				
Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>Approved Medical or Technical Writing/Communications course</b>	3	<input type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>See your advisor for a list of courses that fulfill the Approved Medical or Technical Writing/Communications area</li> </ul>
TCL 201: Transborder Society and Culture I: Interdisciplinary Approaches	3	<input type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>Approved statistics course (CS) *</b>	3	<input type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>*HSC students are required to take a statistics course to fulfill their (CS) general studies requirement</li> </ul>
NTR100: Introductory Nutrition or NTR241: Human Nutrition	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
Cultural Diversity in the US (C)	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
HSC 320: Applied Medical/Healthcare Ethics	3	<input checked="" type="checkbox"/>		Grade of C		
EXW 342: Health Behavior Change	3	<input checked="" type="checkbox"/>		Grade of C		
HSC 300: Complementary Health Care	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
HSC 330: Health Care Systems in the U.S.	3	<input checked="" type="checkbox"/>		Grade of C		
PAF 300: Public Management and Administration	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Literacy & Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
HSC 332: Health Care Legislation	3	<input checked="" type="checkbox"/>		Grade of C		
HSC 420: Evaluation of Health Sciences Research	3	<input checked="" type="checkbox"/>		Grade of C		
PAF 460 Public Service Ethics	3	<input checked="" type="checkbox"/>		Grade of C		
TCL 327: Health and Migration (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Upper Division Elective	3	<input checked="" type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
EXW 346: Health Promotion & Program Evaluation	3	<input checked="" type="checkbox"/>		Grade of C		
HSC 400: Practicum in Health Sciences	3	<input checked="" type="checkbox"/>		Grade of C		
HSC 432: Legal Issues for Health Care Professionals	3	<input checked="" type="checkbox"/>		Grade of C		
SOC 427: Sociology of Health and Illness (SB)	3	<input checked="" type="checkbox"/>				
Elective	3	<input type="checkbox"/>				

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total upper division Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

HSC students are required to take a statistics course to fulfill their (CS) general studies requirement. All students should see their advisor for approval *prior* to taking their statistics course.

Suggested General Studies Courses (*may have prerequisites that must be met prior to enrolling*):

- BIO 100: The Living World (4) [SQ]
- CHM 101: Introductory Chemistry (4) [SQ]
- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- BIO 187: General Biology I (4) [SG] and BIO 188: General Biology II (4) [SG]
- BIO 201: Human Anatomy & Physiology I (4) [SG] and BIO 202: Human Anatomy & Physiology II (4) [SG]
- SOC 353: Death and Dying: Cross Cultural Perspectives (3) [HU or SB & G]
- BIO 318: History of Medicine (3) [H]
- ALD 420: Health Issues and Older Adults (3) [SB]
- GRN 420: Health Aspects of Aging (3) [SB]
- SOC 424: Women and Health (3) [L or SB]
- SOC 427: Sociology of Health & Illness (3) [L or SB]

Suggested Electives (*may have prerequisites that must be met prior to enrolling*):

- IED 494 Role of Tribal, State, & Federal Government in Indian Education (3)
- HSM 220 Health Care Organizations (3) [H]
- EXW 444 Epidemiology (3)
- MGT 310 Collaborative Team Skills (3)
- POS 220 Political Issues and Public Policy (3) [SB]
- POS 325 Public Policy Development (3) [SB]
- PGS 451 Stereotyping, Prejudice and Discrimination (3) [L]
- TLC 321 Transborder Community Development and Health (3 cr)
- TLC 323 Latino Health Issues (4 cr) [SB, C]
- TLC 326 Health of Chicanas and Latinas (3 cr) [SB, C]
- TCL 422 US-Mexico Border Health [3 cr]

Students may also wish to consider using their electives to complete a **minor in Nonprofit Administration**, which requires a total of 15 credits:

- Required:** NLM 160 Voluntary Action and Community Leadership [3 cr]  
 NLM 220 Introduction to Nonprofit Organizations [3 cr]
- Choose 3 courses:** NLM 300 Fund Raising and Resource Development [3 cr; Fall only]  
 NLM 301 Sustainable Communities [3 cr]  
 NLM 302 Inclusive Community Development [3 cr]  
 NLM 310 Volunteer Management [3 cr; Spring only]  
 NLM 435 Service Learning for Community Development [3 cr]  
 NLM 494 Special Topics, as approved by SCRD advisor  
 PRM 424 Recreation Program Management [3 cr; Spring only]  
 PRM 486 Special Events Management [3 cr]

Course Subject and Title (courses in <i>bold/shading</i> are courses)	Hrs.	Upper Div.	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
ASU 101: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only; not required of transfer students.</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> </ul>
<b>Complete one course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
PHI 101: Introduction to Philosophy (HU)	3	<input type="checkbox"/>		Grade of C	
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>Complete remaining course from:</b> <b>BIO 187: General Biology I (SG) or</b> <b>BIO 188: General Biology II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	§Pre-Pharmacy students are approved to substitute MAT 251 with MAT 270: Calculus with Analytic Geometry I (4)
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C	
MAT 251: Calculus for Life Sciences §	3	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition or ENG 107 and 108: English for Foreign Students or ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>BIO 201: Human Anatomy and Physiology I (SG) †</b>	4	<input type="checkbox"/>		Grade of C	*HSC students are required to take a statistics course to fulfill their (CS) general studies requirement.
<b>CHM 116: General Chemistry II (SQ)</b>	4	<input type="checkbox"/>		Grade of C	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>			†Pre-Veterinary students are approved to substitute BIO 201 with BIO 360: Animal Physiology (3-5)
Approved statistics course (CS) *	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>BIO 202: Human Anatomy and Physiology II (SG) †</b>	4	<input type="checkbox"/>		Grade of C	†Pre-Veterinary students are approved to substitute BIO 202 with BIO 331: Animal Behavior (3)
CHM 233 & 237: General Organic Chemistry I with Lab (SQ)	4	<input type="checkbox"/>		Grade of C	
NTR 241: Human Nutrition †	3	<input type="checkbox"/>		Grade of C	†Pre-Veterinary students are approved to substitute NTR 241 with ABS 378: Wildlife Nutrition (3)
Social & Behavioral Sciences (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
CHM 234 & 238: General Organic Chemistry II with Lab (SQ)	4	<input type="checkbox"/>		Grade of C	
PHY 111 & 113: Gen. Physics I with Lab (SQ)	3/1	<input type="checkbox"/>		Grade of C	
MIC 220 & 206: Biology of Microorganisms with Lab Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3/1	<input type="checkbox"/>		Grade of C	
Upper division elective	3	<input checked="" type="checkbox"/>			
	3	<input checked="" type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
HSC 320: Applied Medical/Healthcare Ethics	3	<input checked="" type="checkbox"/>		Grade of C	
EXW 342: Behavior Health Change	3	<input checked="" type="checkbox"/>		Grade of C	
HSC 300: Complementary Health Care	3	<input checked="" type="checkbox"/>		Grade of C	
PHY 112 & 114: Gen. Physics II with Lab (SQ)	3/1	<input type="checkbox"/>		Grade of C	
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
HSC 400: Practicum in Health Sciences	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>See page 2 for list of courses that fulfill the Approved Medical or Technical Writing/ Communications area</li> </ul>
BCH 361 & 367: Principles of Biochemistry Lecture & Lab	3/1	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Medical or Technical Writing/Communications (L)	3	<input checked="" type="checkbox"/>		Grade of C	
Upper division elective	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
HSC 420: Evaluation of Health Sciences Research	3	<input checked="" type="checkbox"/>		Grade of C	
BIO 340: General Genetics	4	<input checked="" type="checkbox"/>		Grade of C	
Upper division elective	3	<input checked="" type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Sciences (SB)	3	<input checked="" type="checkbox"/>			
Upper division elective	1	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total upper division Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

HSC students are required to take a statistics course to fulfill their (CS) general studies requirement.

Depending on the professional program applied to, the following course(s) *might* also be prerequisites for admission or highly suggested to take prior to attending. Students should check professional program requirements prior to registering for the course(s).

Profession-Specific Suggested Electives (*may have prerequisites that must be met prior to enrolling*):

- Pharmacy – MAT 270: Calculus with Analytic Geometry I (4)
- Physical Therapy – PGS 341: Developmental Psychology (3); KIN 340: Physiology of Exercise (3)
- Veterinary Medicine – ABS 378: Wildlife Nutrition (3); BIO 360: Animal Physiology (3-5); BIO 331: Animal Behavior (3)

Suggested General Studies Courses (*may have prerequisites that must be met prior to enrolling*):

- PGS 101: Introduction to Psychology (3) [SB]
- PHI 103: Principles of Sound Reasoning (3) [L or HU]
- BIO 318: History of Medicine (3) [H]
- SOC 353: Death and Dying: Cross Cultural Perspectives (3) [HU or SB & G]
- ALD 420: Health Issues and Older Adults (3) [SB]
- GRN 420: Health Aspects of Aging (3) [SB]
- SOC 424: Women and Health (3) [L or SB]
- SOC 427: Sociology of Health/Illness (3) [L or SB]

Approved courses that fulfill the Medical/Technical Writing Communications requirement:

- ENG 301: Writing for Professions (3) L
- NTR 351: Nutrition & Health Communications (3) L
- TWC 301: General Principles of Multimedia Writing (3) L
- TWC 347: Written Communication for Managers (3) L
- TWC 401: Principles of Technical Communication (3) L
- TWC 446: Technical and Scientific Reports (3) L



Course Subject and Title (courses in bold/shading are critical)	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
<b>GRK 101: Elementary Ancient Greek (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.</li> <li>Minimum 2.33 cumulative ASU GPA.</li> <li>Must have cumulative 3.0 GPA in Greek courses</li> </ul>
<b>SLC 194: Introduction to Classics</b>	1	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C	
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>GRK 201: Intermediate Ancient Greek (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA.</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.</li> <li>Must have cumulative 3.0 GPA in Greek courses</li> </ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>			
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Awareness Area – Historical (H)	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>GRK 301: Ancient Greek Literature I (HU)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Must have cumulative 3.0 GPA in Greek courses</li> <li>Minimum 2.33 cumulative ASU GPA</li> <li>GRK 301 may be repeated for a total of 6 hours if course content differs.</li> <li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li> <li>Complete Mathematical Studies (MA)</li> </ul>
<i>Complete one course from:</i> SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>			
Awareness Area – Cultural (C)	3	<input type="checkbox"/>			
Elective	2	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>GRK 302: Ancient Greek Literature II (HU)</b>	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> <li>GRK 302 may be repeated for a total of 6 hours if course content differs.</li> </ul>
<i>Complete remaining course from:</i> SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
Classics History Course ( <i>see note on last page</i> )	3	<input checked="" type="checkbox"/>		Grade of C	
Natural Science-Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
PHI 301: History of Ancient Philosophy	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics History Course ( <i>see note on last page</i> )	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	2	<input type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics Elective ( <i>see note on last page</i> )	3	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
Classics Elective ( <i>see note on last page</i> )	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics Elective ( <i>see note on last page</i> )	3	<input type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
SLC 498: Pro- Seminar	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics History Course ( <i>see note on last page</i> )	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			



Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
<b>LAT 101: Elementary Latin (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.</li> <li>Minimum 2.33 cumulative ASU GPA.</li> <li>Must have cumulative 3.0 GPA in Latin courses</li> </ul>
<b>SLC 194: Introduction to Classics</b>	1	<input type="checkbox"/>		Grade of C	
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C	
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>LAT 102: Elementary Latin (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Must have cumulative 3.0 GPA in Latin courses</li> <li>Minimum 2.33 cumulative ASU GPA.</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses.</li> </ul>
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition	3	<input type="checkbox"/>		Grade of C	
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>			
Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
Awareness Area – Historical (H)	3	<input type="checkbox"/>			
<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>LAT 201: Intermediate Latin I (HU) (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Must have cumulative 3.0 GPA in Latin courses</li> <li>Minimum 2.33 cumulative ASU GPA</li> <li>Complete First-Year Composition requirement: ENG 101 &amp; 102 OR ENG 107 &amp; 108 or 105</li> <li>Complete Mathematical Studies (MA)</li> </ul>
<i>Complete one course from:</i> SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
Natural Science-Quantitative (SQ)	4	<input type="checkbox"/>			
Awareness Area - Cultural (C)	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>LAT 202: Intermediate Latin II (HU) (or higher)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> </ul>
<i>Complete remaining course from:</i> SLC 201: Introduction to Linguistics OR SLC 202: Introduction to Literacy and Cultural Theory (G)	3	<input type="checkbox"/>		Grade of C	
Classics History Course <i>(see note on last page)</i>	3	<input checked="" type="checkbox"/>		Grade of C	
Natural Science-Quantitative (SQ) or General (SG)	4	<input type="checkbox"/>			
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
LAT 421: Roman Literature (HU)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> <li>LAT 421 may be repeated for a total of 6 hours if course content differs.</li> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics History Course <i>(see note on last page)</i>	3	<input checked="" type="checkbox"/>		Grade of C	
Elective	2	<input type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
LAT 422: Roman Literature OR Upper Division Elective	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Minimum 2.33 cumulative ASU GPA</li> <li>LAT 422 may be repeated for a total of 6 hours if course content differs.</li> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics Elective <i>(see note on last page)</i>	3	<input type="checkbox"/>		Grade of C	
Humanities, Fine Arts, and Design (HU)	3	<input type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
Classics Elective <i>(see note on last page)</i>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics Elective <i>(see note on last page)</i>	3	<input type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts, and Design (HU) or Social and Behavioral Sciences (SB)	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
SLC 498: Pro- Seminar	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Enroll in "IPO" Study Abroad Program credits or listed courses</li> </ul>
Classics History Course <i>(see note on last page)</i>	3	<input checked="" type="checkbox"/>		Grade of C	
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			
Upper Division Elective	3	<input checked="" type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU (minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

**LANGUAGE REQUIREMENTS**

Students will choose either a Latin Emphasis or a Greek Emphasis. Students should work with their advisor to determine which language courses to enroll in each semester. Students must maintain a 3.0 GPA in chosen target language courses.

**CLASSICS HISTORY COURSES (choose two)**

- HST 347: Survey of Greek History
- HST 348: Survey of Roman History
- HST 394: Special Topics Courses (MUST be Greek or Roman History)

**CLASSICS ELECTIVE COURSES**

Special topics courses must be related to Classical Studies; students will be required to provide a syllabus for the requested course to the SILC academic advisor prior to taking the course. For information regarding elective courses click on the related fields' link at this page:

<http://silc.asu.edu/undergraduate/majors-minors-certs>

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM ONE: 0-15 CREDIT HOURS</b>					
<b>ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>Complete First-Year Composition requirement by the end of semester 3</li> <li>Complete Math course requirement by end of semester 3</li> </ul>
<b>LAW 105: Structure/Methodology of American Legal System</b>	3	<input type="checkbox"/>		Grade of C	
MAT 142: College Mathematics or higher (MA)	3	<input type="checkbox"/>		Grade of C	
Social & Behavioral Science (SB)	3	<input type="checkbox"/>			
ASU 101: The ASU Experience	1	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM TWO: 16-30 CREDIT HOURS</b>					
<b>ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete First-Year Composition requirement by the end of semester 3</li> <li>Complete Math course requirement by end of semester 3</li> </ul>
Computer/Statistics/Quantitative applications (CS)	3	<input type="checkbox"/>			
Cultural Diversity in the US (C)	3	<input type="checkbox"/>			
Natural Science – General (SG) or Quantitative (SQ)	4	<input type="checkbox"/>			

**NOTE: The College of Law is still considering and developing the curriculum for the BS in Legal Studies and may propose changes to the LAW courses required after term 2. The LAW courses listed in terms 3-8 are still pending final approval by the College of Law and the University.**

<b>TERM THREE: 31-45 CREDIT HOURS</b>					
<b>LAW 210: Legal Research</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Complete First-Year Composition requirement by the end of semester 3</li> <li>Complete Math course requirement by end of term 3</li> </ul>
<b>POS 270: American Legal System (SB)</b>	3	<input type="checkbox"/>		Grade of C	
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>			
Natural Science – Quantitative (SQ)	4	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>					
<b>LAW 215: Legal Writing</b>	3	<input type="checkbox"/>		Grade of C	
LAW 220: Technology & Legal Practice	3	<input type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
Historical Awareness (H)	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM FIVE: 61-75 CREDIT HOURS</b>					
LAW 310: Advanced Legal Research	3	<input checked="" type="checkbox"/>			
LAW 320: Legal Ethics	3	<input checked="" type="checkbox"/>			
LAW 330: Alternative Dispute Resolution	3	<input checked="" type="checkbox"/>			
Upper division Literacy & Critical Inquiry (L) (ENG 301: Writing for Professions or ENG 302: Business Writing recommended)	3	<input checked="" type="checkbox"/>			
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>			
<b>TERM SIX: 76-90 CREDIT HOURS</b>					
LAW 340: Torts/Personal Injury Practice	3	<input checked="" type="checkbox"/>			
LAW 350: Law Office Management & Accounting	3	<input checked="" type="checkbox"/>			
LAW 360: Administrative Law & Process	3	<input checked="" type="checkbox"/>			
Upper division Humanities, Fine Arts & Design (HU) or Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>			
Global Awareness (G)	3	<input type="checkbox"/>			
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>					
LAW 370: Business & Corporate Practice	3	<input checked="" type="checkbox"/>			
LAW 380: Litigation Practice	3	<input checked="" type="checkbox"/>			
Upper division LAW course	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
Elective	3	<input type="checkbox"/>			
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
Upper division LAW course	3	<input checked="" type="checkbox"/>			
Upper division LAW course	3	<input checked="" type="checkbox"/>			
Upper division LAW course	3	<input checked="" type="checkbox"/>			
Upper division elective	3	<input checked="" type="checkbox"/>			
Elective	3	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total UD Hours (minimum 45)	Cumulative GPA (2.00 minimum)	Total Hrs at ASU ( minimum 30)	Resident Credit for Academic Recognition (minimum 56)	Total Comm. College Hrs. (maximum 64)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**



Upper division courses with the following prefixes will satisfy the Liberal Studies Humanities and Liberal Studies Social Sciences requirements, but this is not an exhaustive list. It represents qualifying prefixes for which ASU frequently offers online classes. Please consult with your Academic Success Specialist to determine whether other humanities and social science courses may also satisfy these major requirements.

**Liberal Studies Humanities**

- Art History/Auxiliary (ARS, ARA)
- Asian Pacific American Studies (APA)
- English (ENG, ENH)
- Film and Media Studies (FMS)
- History (HST, HTY, HIS)
- Mass Communication (MCO, MCN)
- Philosophy (PHI, PHL)
- Religious Studies (REL)
- Theatre (THE, THR)
- Women's Studies (WSH)

**Liberal Studies Social Sciences**

- Aging and Lifespan Development (ALD)
- Anthropology (ASB, ANT, ASM)
- Communication (COM, CMA, CMN)
- Criminal Justice (CRJ)
- Cultural Geography (GCU)
- Educational Psychology (EDP)
- Family Studies (FAS/CDE)
- Justice Studies (JUS)
- Parks and Recreation Management (PRM)
- Political Science (POL, POS, PLS)
- Psychology (PGS)
- Public Affairs (PAF)
- Public Policy and Government (PGV)
- Science, Technology, and Society (STS)
- Social and Behavioral Sciences (SBS)
- Social Justice and Human Rights (JHR)
- Social Work (SWU)
- Sociology (SOC, SCL)
- Transborder Chicana/o Latina/o Studies (TCL)
- Women's Studies (WST, WNS)

Course Subject and Title (courses in <i>bold/shading</i> are critical)	Hrs	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
ASU 101: The ASU Experience	1	<input type="checkbox"/>				<ul style="list-style-type: none"> <li>ASU 101 is for ASU freshman students only Not required of transfer students</li> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>MAT course must be completed by end of semester 3</li> <li>MILESTONE – Recommend meeting with advisor to discuss career field experience requirement</li> </ul>
<b>ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C		
<b>PRM 120: Leisure and the Quality of Life (SB)</b>	3	<input type="checkbox"/>		Grade of C		
MAT 142: College Mathematics (MA)	3	<input type="checkbox"/>		Grade of C		
Public programs interdisciplinary requirement <i>Complete 1 course from:</i> CRJ 100: The Justice System (SB) SWU 171: Introduction to Social Work (SB, H) <i>** recommended for TR students</i> URB 100: Intro to Urban & Metropolitan Studies (C)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>ENG 101 or 102: First-Year Composition or ENG 105: Advanced First-Year Composition or ENG 107 or 108: English for Foreign Students</b>	3	<input type="checkbox"/>		Grade of C		
Global Awareness (G)	3	<input type="checkbox"/>				
Computer/statistics/quantitative applications (CS)	3	<input type="checkbox"/>				
Natural Science Quantitative (SQ)	4	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU)	3	<input type="checkbox"/>				
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>COM 225: Public Speaking (L)</b>	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>Completion of First-Year Composition requirement (ENG 101/107 AND ENG 102/108 or ENG 105) with minimum grades of C</li> <li>Completion of MAT 142 or higher with a minimum grade of C</li> </ul>	
<b>PRM 210: Community Services and Professions</b>	3	<input type="checkbox"/>		Grade of C		
BIO 201: Human Anatomy/Physiology I (SG until fall 2011)	4	<input type="checkbox"/>		Grade of C		
CDE 232: Human Development (SB)	3	<input type="checkbox"/>				
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
PRM 301: Sustainable Communities	3	<input checked="" type="checkbox"/>		Grade of C		
Public Programs interdisciplinary requirement (select course from list in additional notes below)	3	<input type="checkbox"/>				
BIO 202 Human Anatomy & Physiology II (SG eff fall 2010)	4	<input type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
PRM 302: Inclusive Community Development (C)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 303: Program Planning (L)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 304: Recreation Planning and Facility Development ( <b>offered FALL ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 364: Foundations of Therapeutic Recreation (SB) ( <b>offered FALL ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 400: Processes & Techniques in Therapeutic Recreation ( <b>offered FALL ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
PRM 380: Wilderness & Parks in America (SB, H)	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 401: Management of Parks and Recreation Services ( <b>offered SPRING ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 406: Program Design & Evaluation in TR ( <b>offered SPRING ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
PRM 460: Assessment & Documentation in TR ( <b>offered SPRING ONLY</b> )	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
PRM 402: Assessment and Evaluation of Community Services	3	<input checked="" type="checkbox"/>		Grade of C	SEE ADVISOR for additional information regarding the abnormal psychology requirement	
PRM 403: Pre-Internship Workshop	1	<input checked="" type="checkbox"/>		Grade of C		
PGS 466 Ab. Psych. *OR any AB. Psych (SB)	3	<input checked="" type="checkbox"/>		Grade of C		
Elective	3	<input type="checkbox"/>				
Elective	3	<input type="checkbox"/>				
Elective	1	<input type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
PRM 463: Senior Internship	12	<input checked="" type="checkbox"/>		Grade of C		



**Graduation Requirements Summary:**

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Hrs Resident Credit for Academic Recognition (56 minimum)	Major GPA (2.000 Min.)	Total UD Hrs (45 minimum)	Total Comm. College Hrs. (64 maximum)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

*Public Programs interdisciplinary requirement (must complete 3 courses from the following):*

- Complete one course from:
  - CRJ 100: The Justice System (SB)
  - SWU 171: Introduction to Social Work (SB, H)
  - URB 100: Intro to Urban & Metropolitan Studies (C)
- Complete two courses from:
  - CRJ 100: The Justice System (SB) – if not already completed
  - CRJ 303: Statistical Analysis (CS)
  - CRJ 305: Women, Crime & Justice (C)
  - CRJ: 306: Race, Ethnicity & Justice (C)
  - CRJ 350: Law & Social Control (SB)
  - CRJ 470: Discretionary Justice (SB)
  - PAF 410: Building Leadership Skills (SB)
  - PAF 411: Leadership & Change (SB)
  - SWU 171: Introduction to Social Work (SB, H) – if not already completed
  - SWU 295: Foundations of Social Work Practice (SB, C)
  - SWU 321: Statistics for Social Workers (CS)
  - SWU 402: Human Behavior in the Social Environment II (SB)
  - URB 100: Intro to Urban & Metropolitan Studies (C) – if not already completed
  - URB 240: Urban Policy (C)

*Therapeutic Recreation Human Services Elective*

- Complete one course from the following list with a minimum grade of C:
  - ASB 353: Death & Dying in Cross-Cultural Perspective (G, HU or SB)
  - BIO 202: Human Anatomy & Physiology II
  - NLM 300: Fund Raising & Resource Development *fall only*
  - NLM 310: Volunteer Management *spring only*,
  - NTR 241: Human Nutrition
  - PGS 270: Psychology of Adjustment (SB)
  - SOC 312: Sociology of Adolescence (SB)
  - SWU 250: Stress Management Tools
  - SWU 301: Human Behavior in the Social Environment (L)
  - SWU 337: Early Childhood Intervention

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
<b>MAT 270: Calculus with Analytic Geometry I (MA)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li> <li>ASU Math Placement Exam score determines placement in Mathematics course</li> <li>Maintain 2.6 cumulative GPA in all critical courses</li> <li>PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively</li> <li>All freshmen must pass an academic success course and therefore must enroll in an Academic Success Cluster or First Year Seminar</li> </ul>	
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Academic Success Class or First Year Seminar	1	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) or Historical Awareness (H)	3	<input type="checkbox"/>				
CHM 113: General Chemistry I (SQ)	4	<input type="checkbox"/>		Grade of C		
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
<b>MAT 271: Calculus with Analytic Geometry II (MA)</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>All critical courses must be completed by the end of semester 4</li> <li>Maintain 2.6 cumulative GPA in all critical requirement courses</li> <li>PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively</li> </ul>	
<b>PHY 150: Physics I (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
Second Language	4	<input type="checkbox"/>		Grade of C		
ENG 101 and 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 and 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
<b>MAT 272: Calculus with Analytic Geometry III</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>First-year composition completed.</li> <li>All critical courses must be completed by the end of semester 4</li> <li>Maintain 2.6 cumulative GPA in all critical courses</li> <li>PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively</li> </ul>	
<b>PHY 151: Physics II (SQ)</b>	4	<input type="checkbox"/>		Grade of C		
Second Language	4	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB) AND Global Awareness (G)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
<b>PHY 252: Physics III</b>	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>All critical courses must be completed by the end of semester 4</li> <li>Maintain 2.6 cumulative GPA in all critical courses</li> <li>PHY 121/122 and 131/132 (or other equivalents) may be used in place of PHY 150 and 151, respectively</li> <li>A grade of C must be earned in the 4<sup>th</sup> semester language course (usually 202).</li> </ul>	
PHY 201: Mathematical Methods in Physics I (CS)	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB)	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) and Cultural Diversity in the US (C) or Historical Awareness (H)	3	<input type="checkbox"/>				
Second language (if needed or general elective)	4	<input type="checkbox"/>		Grade of C		
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
PHY 302: Mathematical Methods in Physics II	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>A grade of C must be earned in the 4<sup>th</sup> semester language course (usually 202).</li> </ul>	
PHY 310: Classical Particles, Fields, and Matter I	3	<input checked="" type="checkbox"/>		Grade of C		
PHY 314: Quantum Physics I	3	<input checked="" type="checkbox"/>		Grade of C		
Upper division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
Second Language (if needed) or General Elective	4	<input type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
PHY 311: Classical Particles, Fields, and Matter II	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>PHY Breadth Course must be approved by Physics advisor.</li> </ul>	
PHY Upper Division Breadth course	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	3	<input type="checkbox"/>				
Literacy and Critical Inquiry (L)	3	<input type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
PHY Upper Division Breadth course	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>PHY Breadth Course must be approved by Physics advisor.</li> </ul>	
Upper Division Elective	3	<input checked="" type="checkbox"/>				
Upper Division Elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
Upper Division Elective	3	<input checked="" type="checkbox"/>				
Upper division Literacy and Critical Inquiry (L)	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				
Upper division elective	3	<input checked="" type="checkbox"/>				

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  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**

There is room in this roadmap to add a concurrent degree, minor or certificate.