

Welcome

Dear Students:

It is with pride that we introduce the 2005-2006 Catalog for Arizona State University's West campus. As a vital component of ASU's multi-campus vision, the West campus continues to expand its academic offerings and student services. This catalog is intended to provide information about the programs, facilities, and services available at the West campus during the 2005-2006 academic year.

This catalog is organized in a manner that will help you easily find the information you need. Although the catalog will answer many of your questions, we urge all students to seek guidance from an advisor when planning a program of study. Please feel free to call any of the offices or individuals listed in the catalog whenever you have a question.

Our goal is to provide you with a challenging and meaningful educational experience.

Welcome to ASU.

Sincerely,



Michael M. Crow
President, ASU

Mark S. Searle
Vice President, ASU
Provost, West campus



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The **ASU Web** is the online presence of Arizona State University on the World Wide Web at www.asu.edu. From the West campus home page at www.west.asu.edu visitors will find a comprehensive resource for learning about programs, facilities, services and people.

2005 Fall Semester

March 24-April 1
Preregistration

April 18-August 28
Drop/add

April 20-August 28
Registration

August 2
Final fee payment
deadline for fall 2005
(For students who
register after August 2,
fees are due daily.)

August 22
Instruction begins

September 5
Classes are excused
for Labor Day

October 17
December graduation
filing deadline

October 30
Course withdrawal
deadline

November 11
Classes are excused
for Veterans Day

November 24-25
Classes are excused for
Thanksgiving recess

December 6
Last day to process
transactions (Complete
withdrawal deadline)

December 6
Instruction ends

*December 8-10 &
December 12-14*
Final examinations

December 15
Commencement

*December 23-24, 2005-
January 1, 2006*
Campus closure

2006 Spring Semester

*October 24-
November 1*
Preregistration

*November 14, 2005-
January 22, 2006*
Drop/add

*November 16, 2005-
January 22, 2006*
Registration

December 13
Final fee payment
deadline for spring
2006 (For students
who register after
December 13, fees
are due daily.)

January 16, 2006
Classes are excused
for Martin Luther
King Jr. Day

January 17
Instruction begins

March 12-19
Classes are excused
for spring recess

March 31
May graduation
filing deadline

April 2
Course withdrawal
deadline

May 2
Last day to process
transactions (Complete
withdrawal deadline)

May 2
Instruction ends

May 4-6, 8-10
Final examinations

May 11
Commencement

2006 Summer Sessions

March 20 - May 31
Registration and drop/add for first five-week session and eight-week session

March 20 - July 5
Registration and drop/add for second five-week session

May 2
Final fee payment dead-line for all summer sessions (For students who register after May 2, fees are due daily.)

May 30
Instruction begins for first five-week session and eight-week session

June 16
Course withdrawal deadline for first five-week session and eight-week session

June 30
Last day to process transactions for first five-week session (Complete withdrawal deadline)

June 30
First five-week session ends

July 3
Instruction begins for second five-week session

July 4
Classes are excused for Independence Day

July 21
Last day to process transactions for eight-week session (Complete withdrawal deadline)

July 21
Eight-week session ends
Course withdrawal deadline for second five-week session

August 4
Last day to process transactions for second five-week session (Complete withdrawal deadline)

August 4
Second five-week session ends

2006 Fall Semester

March 23-31, 2006
Preregistration

April 17-August 27
Drop/add

April 19-August 27
Registration

August 1
Final fee payment deadline for fall 2006 (For students who register after August 1, fees are due daily.)

August 21
Instruction begins

September 4
Classes are excused for Labor Day

October 16
December graduation filing deadline

October 29
Course withdrawal deadline

November 10
Classes are excused for Veterans Day

November 23-24
Classes are excused for Thanksgiving recess

December 5
Last day to process transactions (Complete withdrawal deadline)

December 5
Instruction ends

December 7-9 & December 11-13
Final examinations

December 14
Commencement

General Information

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About ASU at the West campus

Celebrating its 21st year, the West campus of Arizona State University fulfills the university's mission of discovery, purpose, and community engagement. Located in north-west Phoenix, ASU at the West campus offers an interdisciplinary education for undergraduate and graduate students, as well as an array of professional programs grounded in the liberal arts. The campus serves more than 7,300 students and offers 30 bachelor's degree programs, nine master's degrees, and eight professional certificates.

The colleges at ASU's West campus are a force in the creation and communication of knowledge through interdisciplinary teaching, research, and outreach programs. Faculty are active scholars engaged in a wide variety of research to enhance our community, build new knowledge, and expand the frontiers of science. Research activities are diverse, including quality of life issues in the metropolitan region, applied leadership challenges for public and private organizations, and enhanced teacher education.

Students benefit from a remarkable blend of interactive, classroom-based learning communities, community- and field-based learning experiences, and faculty-student research partnerships that address important societal issues.

One of our hallmarks is the ability to create strong connections between living and learning. Our faculty engages students in the scholarly enterprise through research and creative classroom instruction. They mentor students through these activities in an environment that fosters collaborative research and problem solving.

ASU academic programs at the West campus are organized under the following colleges:

- College of Human Services
- College of Teacher Education and Leadership
- New College of Interdisciplinary Arts and Sciences
- School of Global Management and Leadership

ASU students graduating from these colleges are prepared to become community leaders. With a deep understanding of social justice, diversity and global issues, our students and alumni serve society in local, regional, national, and international capacities.

The university's commitment to integrated learning extends to Las Casas, an apartment-style, living-learning student residence at the West campus. Las Casas features faculty and academic advisors who live in the residence, faculty mentors, courses taught on site at the community center, and student affinity groups focusing on topics such as global awareness, leadership, and the arts.

Fletcher Library at ASU's West campus is an invaluable resource to students and faculty. Among the highlights of its collection are 331,000 volumes, 1.4 million microforms and 9,600 videos. Users may access more than 74,000 print and e-journals, and nearly 4 million monographic titles available through the ASU libraries. A range of information and research tools are accessible through the Library's Web site.

Our full-service campus features a child development center, student health center, bookstore, fitness center, credit union, computer center, food service facilities, theater,

and meeting rooms. The campus offers valuable resources for the community, including fine arts and cultural programs, consulting for public and private organizations, workshops, and special events.

The campus is located between 43rd and 51st Avenues on West Thunderbird Road in the city of Phoenix, easily accessed from Interstate 17 and the Loop 101.

Statement of Purpose

Introduction

Arizona State University is a new American university. We embrace the educational needs of the entire population, not just a select group. We are a force for discovery, turning students into thought leaders who will shape the future. We take responsibility for the economic, social and cultural health of the communities we serve, and we conduct research by considering its impact on the public good.

Arizona State University's West campus is committed to the value of education without borders: the idea that learning transcends fields of study, geography, and the age of students. The university conducts research, creative activity, and community service that contribute to a high-quality educational environment and reflect important social issues.

The colleges at ASU's West campus are a force in the creation and communication of knowledge through its interdisciplinary teaching, research, and outreach programs. The institution provides access to programs defined by the traditions of liberal education that respond to the dynamics of employment and market requirements. Arizona State University's West campus responds efficiently and deliberately to changing social needs.

Arizona State University's West campus is dedicated to evolving a new model of

learning, which includes integrated experiences for students, faculty, and community through classroom-based learning communities, field-based educational opportunities, involvement in the community, and faculty-student research partnerships. These academic programs and extracurricular activities address the needs of our diverse student body and the communities we serve.

Vision

Arizona State University's West campus vision is to enhance the intellectual, social, cultural, and economic qualities of a diverse, urban environment through research and creative activity and to provide access to a quality liberal arts education for undergraduates, professional programs grounded in the liberal arts, and an array of graduate programs.

Mission

Arizona State University's West campus offers liberal arts and professional programs, engages in discovering and advancing knowledge, and teaches diverse students in a student-centered, interdisciplinary learning environment as the community-focused metropolitan campus of Arizona State University.

Core Values

Arizona State University's West campus is committed to:

- High quality teaching
- High quality scholarship and creative activity
- Community engagement and service
- Diversity and inclusiveness

Hallmarks

- Faculty who engage in the scholarly enterprise through their research and creativity and who mentor students through these activities in an environment that fosters collaborative research and problem-solving.
- Learning communities that ignite the spark of the interdisciplinary learning process and provide the foundation of ASU's West campus educational experience.
- Community-embedded learning that capitalizes on an urban location with diverse and unique opportunities for student and faculty learning and goes beyond the traditional classroom and laboratory borders through partnerships with local not-for-profits, governmental agencies, and industry groups.
- A technologically rich environment that facilitates student learning, access to information and access to student support services.
- A curriculum embedded with a deeper understanding of social justice, diversity and global issues, the effective use of technology, information literacy, and community development to prepare students to become responsible citizens attuned to the needs not only of their own communities but those of regional, national, and international communities.
- Graduates who are prepared to connect intellectual and practical issues of social justice and community engagement through

multiple perspectives fostered from an interdisciplinary environment in various forms across the academic units.

- A staff committed to the achievement of the campus mission.

Campus categories of learning outcomes*

Graduates of ASU's West campus are a diverse group, who enter and leave the university with a variety of abilities, needs, and interests. While programs may emphasize different aspects of learning, in some way, all graduates of ASU's West campus will:

- Develop the knowledge, skills, and attitudes that lead to life-long learning and enhanced life opportunities.
- Understand and appreciate the diverse nature of people who live together in a world of diminishing distance.
- Apply the technological knowledge, skills, attitudes, and flexibility needed to succeed in a rapidly changing environment.
- Develop the cognitive processes and dispositions necessary to think critically, analyze problems in context, and make sound decisions.
- Acquire and utilize the body of knowledge, and develop the constellation of skills associated with their discipline, interdisciplinary area of interest, or professional field.
- Gather and utilize information to enhance knowledge, and use communication skills to convey meaning effectively.
- Develop basic skills in mathematics, use mathematics in their chosen fields, and understand how technology can be used in analysis.

** The campus categories of learning outcomes were endorsed by the ASU Academic Senate at the West campus on May 12, 1999.*

History

The year 2004 marked the 20th anniversary of ASU's West campus. Governor Bruce Babbitt signed legislation officially establishing the campus on April 18, 1984. Two years later members of several western Maricopa County communities, legislators, and the Arizona Board of Regents (ABOR) joined in the groundbreaking ceremony for the West campus. The groundbreaking culminated more than 10 years of intensive effort by numerous citizens' groups working to establish educational facilities in western Maricopa County. This grass-roots effort began in 1972 with the formation of the West Side Citizens' Committee for Higher Education. Citizens and legislators in western Maricopa County worked with officials at ASU and the ABOR to demonstrate the need for higher education facilities beyond those offered by the community colleges.

The Arizona State Legislature initiated a review of university level educational opportunities in western Maricopa County in 1976. The resulting *Whiteman Report* was submitted to the Legislature in February 1977. It noted a shortage of higher educational facilities in western Maricopa County and urged that ASU begin to serve unmet needs by the 1980 fall semester. In response, Arizona State University initiated courses at the Metro-center shopping mall in 1978 and at Alhambra Elementary School in 1980. The state legislature appropriated funds in 1979-80 to the Board of Regents for the purpose of planning a permanent campus site in western Maricopa County. In 1982, the legislature provided an exchange of 171.66 acres of general revenue lands for "approximately 300 acres of state trust land located in Maricopa County." These 300 acres constitute the permanent site of ASU's West campus.

Direction for ASU's West campus was set in the ABOR's first edition of the *Arizona*

University System Mission and Scope Statements, published in July 1982. This document supported "the development of a modified, upper-level, primarily non-residential, branch institution of Arizona State University." In support of the *Whiteman* findings and the Board's directions, the 36th Legislature enacted Senate Bill 1245. Signed on April 18, 1984, this bill amended Section 15 1601 of the Arizona Revised Statutes and directed the Board of Regents to "maintain an Arizona State University campus in western Maricopa County designated as Arizona State University West Campus." During that session, the legislature approved a separate state appropriation for the campus.

The first permanent building, Fletcher Library, opened in March of 1988 and the first classroom building, Sands Classroom Building, opened in 1989 for spring semester classes. Shortly thereafter, the 38th Legislature enacted Senate Bill 1123 authorizing a lease purchase agreement to fund construction of additional buildings. This legislation, which provided funding to complete the "first phase" of the campus building program, was signed by the governor on March 3, 1988, and approved by the Regents on March 31, 1989. The first phase, consisting of seven buildings and 600,000 gross square feet, opened in the spring of 1991.

ASU's West campus received its initial accreditation from North Central Association of Colleges and Secondary Schools (NCA) in August 1992. In fall 2001, ASU's West campus became a four-year university campus with the addition of freshman and sophomore classes. Student housing facilities opened in August 2003.

For more than two decades of existence, the campus has demonstrated responsiveness to the community, proving an ethos of resolving

social issues, creating an involved citizenry, and ultimately creating a better quality of life for all. ASU's West campus vision is to build on its successful past in ways that enhance the intellectual, social, cultural and economic

qualities of a diverse, urban environment, through research and quality programs. This commitment to the community is punctuated by the economic vitality that ASU's West campus contributes.

Campus Facilities

The West campus occupies 300 acres between 43rd and 51st Avenues on West Thunderbird Road in Phoenix. Its architecture and courtyards are modeled after those of the University of Oxford in Great Britain, enhanced by a beautifully landscaped natural environment featuring widely acclaimed public art. The core campus includes the following facilities:

Fletcher Library. With a seating capacity of 600 and space for 450,000 volumes, the 106,000 square-foot facility is a state-of-the-art information access center designed to take full advantage of electronic technology.

Sands Classroom Building. Containing 38 class and seminar rooms, the building provides an intimate atmosphere in which to exchange ideas.

Kiva Lecture Hall. The Kiva seats 100-200 and serves as an auditorium for a variety of programs, faculty lectures, and public forums.

Classroom Laboratory/Computer Classroom Building.

West campus celebrated a milestone in January 2004 when construction was completed on the second half of CLCC – the first new classroom building to open on campus in more than a decade. Every classroom in the new portion of the building is equipped with a ceiling projector and projection screen, instructor computer, combination DVD/VCR, amplifier, document camera, and assisted listening system. CLCC contains computer classrooms, sci-

ence laboratories, studios for art, dance and music, a 150-seat lecture hall, and an astronomy platform located on the roof.

Faculty and Administration Building. Most faculty and administrative offices are located in this building. Classrooms are located in the basement of the east wing.

Faculty and Administration Building Annex. This temporary facility houses Human Resources and other administrative offices.

Student Housing. Located in the northwest corner of the campus, the Las Casas student housing facility includes two three-story buildings of residential units, a community hall with dining and meeting facilities, and a swimming pool.

University Center Building. This facility houses admissions and records, an array of student assistance programs, health services, a preschool, and student activities. Other building facilities include food service, a bookstore, cashier and fee payment services, student lounges, an art gallery, a wellness/fitness facility, a black box theater, meeting rooms, and a divisible, multi-purpose auditorium.

Welcome and Information Building. Located west of the 47th Avenue entrance, the Welcome and Information Building houses parking services, information services, testing services, and a branch office of the Arizona State Savings and Credit Union.

Equal Opportunity and Affirmative Action

It is the policy of ASU to provide equal opportunity through affirmative action in employment and educational programs and activities. Discrimination is prohibited on the basis of race, color, religion, national origin, citizenship, sex, gender identity, sexual orientation, age, disability, newly separated veterans, Vietnam-era veteran status, special disabled veteran, or other protected veteran status. Equal employment opportunity includes but is not limited to recruitment, hiring, promotion, termination, compensation, benefits, transfers, university-sponsored training, education, tuition assistance, and social and recreational programs.

ASU is committed to taking affirmative action in increasing opportunities at all levels of employment and to increasing participation in programs and activities by all faculty, staff, and students. Affirmative action is directed toward minority persons, women, special disabled veterans, newly separated veterans, other protected veterans, Vietnam-era veterans, and persons with disabilities.

University policy prohibiting discriminatory harassment

Harassment prohibited. Subject to the limiting provisions of “Freedom of Speech and Academic Freedom” specified below, it is a violation of university policy for any university employee or student to subject any person to harassment on university property or at a university-sponsored activity.

Harassment defined. Actions constitute harassment if (1) they substantially interfere with another’s educational or employment opportunities, peaceful enjoyment of residence, physical security, and (2) they are taken with a general intent to engage in the actions and with the knowledge that the actions are likely to substantially interfere with a protected

interest identified in subsection 1 above. Such intent and knowledge may be inferred from all the circumstances.

Freedom of speech and academic freedom.

Neither this nor any other university policy is violated by actions that amount to expression protected by the state or federal constitutions or by related principles of academic freedom. This limitation is further described in the ASU First Amendment Guidelines, the current version of which supplements this policy and is available in the Office of the General Counsel.

Relationship to the work of the Campus

Environment Team (CET). If harassment is discriminatory, it falls within the education, monitoring, information gathering, and referral functions of the Campus Environment Team. Harassment is discriminatory if actions are taken with the purpose or effect of differentiating on the basis of another person’s race, sex, gender identity, color, national origin, religion, age, sexual orientation, disability, or Vietnam-era veteran status.

Complaints of alleged discrimination should be filed with the Office of Equal Opportunity/Affirmative Action at ASU’s Tempe campus Administration B-wing 171, (480) 965-5057, TTY (480) 965-0471.

Student antiretaliation statement

Students have the right to be free from retaliation. Threats or other forms of intimidation or retribution against a student who files a complaint or grievance, requests an administrative remedy, participates in an investigation, appears as a witness at an administrative hearing, or opposes an unlawful act, discriminatory practice, or policy are prohibited and subject to university discipli-

nary procedures. Students with complaints of retaliation should utilize the procedures available under the University Code of Conduct, the Student Code of Conduct, the Graduate Student Grievance Procedure, the Student Employment Grievance Procedure, the Sexual Harassment Policy, nondiscrimination policies, or other available

administrative procedures as appropriate. For assistance with procedures, students should contact the dean of the college if the circumstances relate to a course or academic evaluation, or the dean of students for all other circumstances.

Student Responsibilities

Code of Conduct

Arizona State University views students as individuals possessing qualities of worth and dignity and the capacity for self-direction. Therefore, the major responsibility for development and success resides with the students. This requires active personal involvement in the pursuit of their educational goals.

High standards of academic integrity are expected of all students. Students are responsible for maintaining standards of academic performance established for each course in which they are enrolled.

The university considers the cultivation of self-discipline to be of paramount importance in the educational process. Students are expected to obey federal, state, and local laws, as well as the regulations of this university.

Under the constitution and the laws of the State of Arizona, jurisdiction over ASU has been vested in the Arizona Board of Regents. The regents, in turn, grant broad legal authority to the president, the administration, and the faculty to regulate student life within reasonable limits.

After admittance to the university, students voluntarily assume certain obligations of conduct and performance. Rules, regulations,

and enforcement procedures in regard to student conduct are outlined in the *Student Code of Conduct*. Students are expected, as part of their obligations of enrollment, to become familiar with the *Student Code of Conduct*, available from the Student Life office (University Center Building 221) and in the electronic *Student Handbook* - www.west.asu.edu/studenthandbook. Violations of the *Student Code of Conduct*, whether committed by individuals or groups, subject the perpetrators to university discipline, as do violations of university regulations with regard to academic dishonesty. The university reserves the right to take necessary and appropriate action to protect the safety and welfare of the campus community. Such action may include taking disciplinary measures under the *Student Code of Conduct* against students whose behavior off campus involves the sale or distribution of illegal drugs, physical assault, or violence that may present a danger to the university or to members of the university community.

To obtain information or to file conduct complaints against a student or student organization, contact the Student Life office in the University Center Building 221 or call (602) 543-8077.

Organization

The West campus is part of Arizona State University, a multicampus institution with locations throughout Metropolitan Phoenix. Arizona State University is part of a three-university system governed by the Arizona Board of Regents. The vice president and provost of the West campus provides executive leadership for the continuing development and management of the campus and reports to the executive vice president and university provost of Arizona State University. The provost is aided in the administration of the campus by vice provosts, deans, directors, department chairs, faculty and other officers. Refer to “Administrative and Academic Personnel” beginning on [page 269](#).

There are four schools and colleges at the West campus administered by deans. These academic units develop and implement the teaching, research, and service programs of the institution, aided by the Fletcher Library, and other services.

The faculty and students of the institution play an important role in campus governance, with the Academic Assembly and Faculty Senate, Associated Students of ASU at the West campus, and numerous university committees serving the needs of a rapidly growing institution.

DEGREES, MAJORS, AND CONCENTRATIONS

Major	Degree	Administered by
Baccalaureate degrees		
Accountancy	BS	Department of Accounting and Information Systems Management
American Studies	BA	Department of Language, Cultures, and History
Applied Computing	BS	Department of Integrative Studies
<i>Concentrations: database systems, digital media and graphic design, network and distributed processing</i>		
Applied Science	BAS	Department of Integrative Studies
<i>Concentrations: all minors available at West campus (see list on page 83), individualized concentration</i>		
Communication Studies	BA, BS	Department of Communication Studies
Criminal Justice and Criminology	BS	Department of Criminal Justice and Criminology
Elementary Education	BAE	Department of Elementary Education
<i>Concentrations: early childhood education, bilingual education, English as a second language</i>		
<i>Option: middle-school education</i>		
English	BA	Department of Language, Cultures, and History
Global Business	BS	School of Global Management and Leadership
<i>Concentrations: financial management, information systems management, international studies, leadership and management, marketing</i>		
History	BA	Department of Language, Cultures, and History
Integrative Studies	BA	Department of Integrative Studies
<i>Concentrations: all minors available at West campus (see list on page 83), individualized concentration</i>		
Interdisciplinary Arts and Performance	BA	Department of Interdisciplinary Arts and Performance
<i>Concentrations: media, music, performance studies, theater/performance, visual art</i>		
Life Sciences	BS	Department of Integrated Natural Sciences
Nursing	BSN	College of Nursing
Political Science	BA, BS	Department of Social and Behavioral Sciences
Psychology	BA, BS	Department of Social and Behavioral Sciences
Recreation and Tourism Management	BS	Department of Recreation and Tourism Management
Secondary Education	BAE	Department of Secondary Education
<i>Academic specializations: English, history, mathematics, social studies</i>		
<i>Option: middle-school education</i>		
Social and Behavioral Sciences	BA, BS	Department of Social and Behavioral Sciences
<i>Emphases: interdisciplinary social sciences, interdisciplinary behavioral sciences</i>		
Social Work	BSW	Department of Social Work
Sociology	BA, BS	Department of Social and Behavioral Sciences
Spanish	BA	Department of Language, Cultures, and History
Special Education	BAE	Department of Special Education
Women's Studies	BA, BS	Women's Studies Program
Graduate degrees		
Business Administration	MBA	School of Global Management and Leadership
Communication Studies	MA	Department of Communication Studies
Criminal Justice	MA	Department of Criminal Justice and Criminology
Educational Administration and Supervision	MEd	Department of Graduate Studies and Professional Development
Elementary Education	MEd	Department of Graduate Studies and Professional Development
<i>Concentrations: bilingual education, ESL education, educational technology, reading</i>		
Interdisciplinary Studies	MA	New College of Interdisciplinary Arts and Sciences
Secondary Education	MEd	Department of Graduate Studies and Professional Development
<i>Concentration: educational technology</i>		
Social Work	MSW	Department of Social Work
<i>Concentration: advanced generalist practice</i>		
Special Education	MEd	Department of Graduate Studies and Professional Development
<i>Concentration: infant and young children</i>		

Accreditation and Affiliation

Academic Accreditation

Campus

Arizona State University at the West campus is accredited by the Higher Learning Commission and is a member of the North Central Association. For more information, call (312) 263-0456, access the Web site at www.ncahigherlearningcommission.org, or write:

Higher Learning Commission
30 N LaSalle St Suite 2400
Chicago IL 60602-2504

Academic Affiliation and Membership

Unit or Program

Barrett Honors College

National Collegiate Honors Council

College of Human Services

Department of Communication Studies
International Communication Association
National Communication Association
Western States Communication Association
Department of Criminal Justice and Criminology
Academy of Criminal Justice Sciences
Department of Recreation and Tourism Management
American Association of Physical Education
Health Recreation and Dance
American Hotel and Motel Association
Arizona Festivals & Events Association
Arizona Park and Recreation Association
International Festivals and Events Association
National Employee Service and Recreation Association
National Intramural Recreation Services Association
National Recreation and Park Association
National Tour Association
Resorts and Commercial Recreation and Commercial Recreation Association
The Travel Industry Association of America
Travel and Tourism Research Association

Unit or Program

College of Human Services

BSW, MSW, Department of Social Work
Council on Social Work Education
Department of Recreation and Tourism Management
National Recreation and Park Association/
American Association for Leisure and Recreation Council on Accreditation

School of Global Management and Leadership

All programs
AACSB International, the Association to Advance Collegiate Schools of Business

Unit or Program

College of Human Services, cont.

Department of Social Work
Association of Baccalaureate Social Work Program Directors, Inc
The National Association of Social Workers
The National Association of Deans and Directors of Schools of Social Work
Gerontology Program
American Society on Aging
Association for Gerontology in Higher Education
National Council on Aging
The Gerontological Society of America

New College of Interdisciplinary Arts and Sciences

Department of Language, Cultures, and History
American Historical Association
American Studies Association
Modern Languages Association
Department of Social and Behavioral Sciences
American Political Science Association
MA Interdisciplinary Studies
Association of Graduate Liberal Studies Programs

School of Global Management and Leadership

Accountancy Program
Institute of Internal Auditors

Campus and Student Services

Admission and Registration Services

Admission and Registration Services, located in University Center Building 120, provides students with a central location for all admission, academic records-related functions, and class registration processes.

- Academic renewal
- Address and name changes
- Admissions: new admission, readmission, non-degree (undergraduate and graduate)
- Application for graduation
- Declaration of graduation/program of study
- Degree/major/campus changes
- Drop/add
- Enrollment verification
- Grade or other academic record changes
- Immunization verification (required for registration)
- Registration for classes
- Residency classification for tuition purposes
- Transcripts (unofficial and official)
- Withdrawals

For additional information or assistance, call (602) 543-8203, or visit one of these websites: www.west.asu.edu/admissions; www.west.asu.edu/registrar.

Alumni Association

The ASU Alumni Association is a volunteer-led organization committed to serve and unite alumni for the purpose of advancing the interests of Arizona State University and its alumni. This is accomplished through a variety of services, programs, events, and publications.

College alumni advisory boards and chapters provide a network to reach, connect, and celebrate alumni and to build lifelong relationships with alumni and the university. Active alumni involvement demonstrates a commitment to higher education while preserving and promoting the traditions and standards of excellence that characterize ASU.

To get connected today, or for more information call (602) 543-ALUM.

Associated Students

Associated Students of ASU's West campus (ASASUW) is the student government of the campus. It is the official representative of the student body in matters of campus governance. Programs and services include the promotion of campus clubs and organizations, active participation in political activities affecting the university, provision of student representation on campus committees, and the sponsorship of cultural, educational, and social activities. For further information call (602) 543-8186 or visit: www.west.asu.edu/asasuw.

ASU Shuttle Service

The ASU Express is a shuttle bus that makes regular trips between the Tempe campus and West campus and between the Tempe campus and East campus during regular semesters. Trips are scheduled Monday - Thursday between 6:10 a.m. and 9:45 p.m.

and on Friday between 6:10 a.m. and 5:45 p.m. Books of ten tickets are available from the West campus Cashier's Office, the Tempe campus Cashier's Office, West campus Parking Services, and Tempe campus Parking and Transit Services. Call (602) 543-PARK for more information and ticket prices or visit their website: www.west.asu.edu/adaff/auxs/parking/.

Bookstore

The West campus Bookstore offers new and used textbooks, course packets, computer hardware and software, general books, magazines, newspapers, general supplies, ASU insignia clothing and gifts, class rings, and graduation supplies. As a complimentary service, merchandise may be transferred from the Tempe campus Bookstore upon request.

The bookstore is located in the University Center Building 140. Regular hours are Monday - Thursday, 9:00 a.m. to 6:00 p.m. and Friday, 9:00 a.m. to 5:00 p.m. The bookstore is open for extended hours at the beginning of each semester. General information is available by calling (602) 543-6800 or visiting the web: bookstore.asu.edu.

Campus Advising Center

The Campus Advising Center (CAC) is located in University Center Building 201. CAC is a comprehensive academic advising center, staffed with professional advisors to assist the following *prospective and admitted* students:

- Freshman students
- Undecided sophomores
- Undecided transfer students
- University-College Center students

For appointments call (602) 543-9222. For additional information visit www.west.asu.edu/dcp/wcac1.htm.

Campus Environment Team

The Campus Environment Team (CET) at West campus is an advisory group to the Provost established for the general purpose of providing on-going activities to promote *a positive campus environment* for faculty, staff, and students. The CET's mission is to (1) work with other persons and organizations on campus to promote a campus environment that values diversity and provides respect for all individuals regardless of their status, and (2) protect free speech and academic freedom. Activities of the CET subcommittees include: education; monitoring, information gathering and reporting; and referrals and response to harassment.

For more information contact (602) 543-5959 or CET's website: www.west.asu.edu/cet.

Career Services and Personal Counseling Center

Students are encouraged to acquire skills, knowledge, and support for their career planning and personal development, thus enhancing chances of success in life. Important topics to consider include:

- Career planning and preparation
- Goal setting, self-discovery
- Researching the world of work
- Developing job search skills
- Individual personal counseling appointments
- Personal growth and support groups
- Identifying academic goals
- Strategies for academic success

A wide variety of workshops, groups, and special events are offered throughout the year. Resource room materials and self-paced computerized career guidance tools are available. The Sun Devil Career Link Program

offers students job and internship interviews. Individual personal counseling appointments and career exploration sessions are beneficial for many individuals.

For information, call (602) 543-8124, stop by University Center Building 320, or visit www.west.asu.edu/cspc.

Child Development and Family Studies Center

In partnership with Phoenix Headstart and West campus, the Child Development and Family Studies Center's Lab School integrates full-time and part-time preschool child care and education into the research, teaching and service missions of the campus. The children's educational enrichment program incorporates features of the most successful national preschool education programs and promotes the experience and expression of cultural diversity. The center is an important adjunct to faculty research and teaching activities in psychology, family studies, early childhood development, curriculum, and education.

The Child Development and Family Studies Center's Lab School is accredited by the National Association for the Education of Young Children (NAEYC). NAEYC accreditation is a rigorous, voluntary process by which early childhood education programs demonstrate that they consistently meet national standards of excellence.

For information call (602) 543-5437, visit the University Center Building 190, or visit the web: www.west.asu.edu/cdc.

Computing Facilities and Services

Information Technology offers state-of-the-art computing facilities for use by students, faculty, and staff. A pervasive high-speed communications network provides access to university servers and to the Internet.

Technopolis, a student computing access center located on the lower level of Fletcher Library, contains networked PC and Macintosh microcomputers and high-quality peripherals such as laser printers and scanners. Adaptive technology for students with disabilities is available. A wide variety of software is provided. Information and help for computer users are available at the center.

Classrooms are equipped with VCRs, access to television and satellite broadcasts, projectors, and networked computers for presenters. Some classrooms are equipped with computers for every student. For additional information, contact Technopolis at (602) 543-8278 or refer to www.west.asu.edu/it.

Consortium for Interdisciplinary Projects and Residencies in the Arts

The Department of Interdisciplinary Arts and Performance (IAP) sponsors Interdisciplinary Projects and Residencies in the Arts. Under this sponsorship, practicing professional artists engage their creative work with the curriculum and share their perspectives with the public through courses, workshops, and performances. The IAP department also produces numerous artistic events each year, which are open to the public, featuring artist/faculty, visiting artists, students, and regional artists. For information about performance events, call (602) 543-ARTS.

Copy Services

A variety of services are available from the Copy Center, located in the lower level of the Faculty and Administration Building B23. The Copy Center has high speed, high quality multi-featured photocopier machines and is able to provide high quality images, digital printing, duplexing, saddlestitching, covers, and tab inserts with minimal turn-around time. The center provides course

packets and copyright permission acquisition services. Other services include spiral binding, steel back binding, padding, laminating, custom cutting, poster making, color copies, shrinkwrapping, thermal transfers, personalized mouse pads, puzzles and T-shirts, and FAX service. Copy Center hours are 7:00 a.m. to 6:00 p.m. Monday - Thursday and 8:00 a.m. to 5:00 p.m. Friday. For additional information, call (602) 543-5575 or visit the web: www.west.asu.edu/adaff/auxs/copy_center/index.htm.

Credit Union

The Arizona State Savings and Credit Union has a branch office located in the Welcome and Information Building. The organization offers a full range of services, including savings and checking accounts, loans, insurance, Costco memberships, a vehicle buying assistance service, a telephone account access system, automated teller machines and more. All ASU students, employees and their families are eligible for membership. For further information, call (602) 644-4620 or visit www.azstcu.org.

Devils' Den Game Room

The Devils' Den is located in the second floor Student Lounge of the University Center Building. It is furnished with pool, ping-pong, and foosball tables. Equipment for these games may be checked out through the ASASUW office located in University Center Building, Room 226. A current ASU ID card is required to check out equipment. For information call (602) 543-8186.

Margaret Francis Disability Resource Center (DRC)

ASU is committed to providing a fully integrated and accessible environment for students with disabilities. Professional staff assist students in obtaining the services and support needed to succeed at the university. The following are examples of academic accommodations which may be secured through the DRC, as appropriate: testing accommodations (including proctors, readers, scribes), interpreters, notetakers, adapted course materials, and adaptive technology.

Students with disabilities are encouraged to contact the DRC at the beginning of the admission process to discuss service needs. Disclosure of a disability to the university is optional and confidential. However, for students requesting accommodations, qualifying documentation must be provided to the DRC to substantiate the need for these accommodations.

The Disability Resource Center is located in the University Center Building 130. For further information, call (602) 543-8145, TDD (602) 543-4327, or visit www.west.asu.edu/drc.

Event Scheduling

An event is any meeting, seminar, or activity that is not an ASU credit course. Reservation forms for registered student organizations are available at Student Life, University Center Building 221, (602) 543-8200. Event requests for other on-campus groups should be sent by e-mail to eventschedule@asu.edu at least five working days in advance of the event. Space is available on a first-come, first-serve basis. For more information, call Events and Meeting Services (602) 543-7740. AV/media support is provided through Event Scheduling.

Campus catering services must be used for all activities held on campus or paid for with university funds. For information and help in planning food events, call (602) 543-3663.

Financial Aid Services

The Financial Aid Services office, located in the University Center Building 120, provides information and services about need based and non-need based grants, scholarships, loans, and employment opportunities.

Programs are funded by an array of sources including private foundations, individuals, the university, alumni, and civic groups as well as the federal and state government. Paying for college is a critical factor for most students, and the goal of Financial Aid Services is to provide options for meeting college costs.

All students seeking financial assistance must complete the FAFSA (Free Application for Federal Student Aid) annually, which is processed through a standard financial needs analysis system. See the “Financial Aid” section of this catalog on [page 35](#). For additional information call (602) 543-8178 or visit www.west.asu.edu/financialaid.

Food Services

Food service is provided at Cafe West on the first floor of the University Center Building west wing. A diversified menu is available for breakfast, lunch, and dinner Monday through Friday. Normal hours of operation are 7:00 a.m. to 6:30 p.m. Monday through Thursday and 7:00 a.m. to 3:00 p.m. Friday. Catering services are available for functions held on campus. For information call (602) 543-3663 or visit www.west.asu.edu/adaff/auxs/food_services/index.htm.

The Sand Trap, located in Sands 115, provides grab and go drinks, sandwiches, salads, and snacks plus a Starbucks coffee bar. Hours are Monday - Thursday 9:00 a.m. to 8:00 p.m., Friday 9:00 a.m. to 2:00 p.m., and Saturday 9:00 a.m. to 2:00 p.m.

Freshman Experience Office

The Freshman Experience Office in the Division of Collaborative Programs (DCP) is dedicated to lower division students. The Freshman Experience team focuses on creating and supporting programs and infrastructures that will lead to the success of freshmen and sophomores. The DCP is home to the following programs:

- Campus Advising Center
- Learning Communities
- Student Success Program
- University-College Center
- Freshman Orientation
- Freshman Registration Sessions
- Freshman Early Warning System
- Peer 2 Peer
- Summer Academy

For further information call (602) 543-4600, visit the University Center Building Room 201, or access the web at www.west.asu.edu/dcp/dcp.htm.

Graduate Studies

The Graduate Studies Office provides students and faculty with application materials, information regarding academic programs, assistance with the application process, and information on Graduate Studies policies and procedures. Information on hiring and management of graduate assistants, program of study, faculty serving on thesis and dissertation committees, graduate academic and tuition scholarships, graduate assistants orientations, and junior/senior workshops can also be obtained through the Graduate Studies Office. For information call (602) 543-4567, visit the Faculty and Administration Building S301, or visit westcgi.west.asu.edu/acadaffairs/gradstudies on the web.

International Student Services Program (ISSP)

The mission of the ISSP is to provide support services that meet the unique needs of international students throughout their academic program and to support campus and community activities that promote international awareness and enrich the educational experiences of all students.

Services include advising international students on immigration and visa matters, admission procedures and credentials evaluation, international student orientation, information workshops, and cultural activities. For more information, visit www.west.asu.edu/international.

Undergraduate students may contact Multicultural Student Services at (602) 543-8201 or visit the University Center Building 220. Graduate students should call (602) 543-4567 or stop by the Faculty and Administration Building S301E.

Kids' Evening Enrichment Program (KEEP)

KEEP offers learning enrichment activities for children, ages 6-12, of West campus evening students. Call (602) 543-8010 for more information or visit www.west.asu.edu/multicultural/KEEP.

Learning Enhancement Center

The Learning Enhancement Center's peer tutors and writing coaches offer collaborative support to promote students' academic success. LEC resources include a walk-in lab for studying and completing homework for math, science, and business classes. Lab tutors respond to questions or offer clarification for course material. Tutors also conduct small group tutoring and workshops for some classes. In addition, LEC writing coaches offer students an opportunity to discuss writing conventions for application to their own written communication.

The LEC is located in Fletcher Library, LL2. See www.west.asu.edu/lec for more information or call (602) 543-6151.

Library Services

Fletcher Library provides resources that support the curriculum of the West campus with a collection of 331,000 volumes, 1.4 million microforms, 9,600 videos, and 15,000 slides. As participants in the shared resources environment of ASU libraries, users may access more than 74,000 print and e-journals and nearly 4 million monographic titles. Approximately 95% of electronic databases are available to ASU registered users from home computers.

The Library is open seven days a week to meet the informational needs of the campus community. Knowledgeable staff members are available to provide reference service and instruction in the use of the Library's considerable resources. Individual consultations with subject specialist librarians are available by appointment. The library instruction program provides introduction to the tools and resources available for research in an academic discipline, including Internet resources.

A wide range of information and research tools, most accessible from off-campus, are available through the Fletcher Library web site at library.west.asu.edu. For library hours and information, call (602) 543-8501.

Mail/Postal Services

In addition to processing incoming and outgoing university mail and providing an inter-campus courier service, first class, priority mail, parcel post, certified, registered, and special delivery services are also provided by Mail Services. Padded manila and utility mailing envelopes and U.S. postage stamps are available for purchase through the Mail Services station as are fax transmissions and receipts.

Mail Services hours are 9:00 a.m. to 4:00 p.m. Monday through Friday. They are located in the Central Services Complex. For more information call (602) 543-POST or visit www.west.asu.edu/adaff/fas/finmail.htm.

Multicultural Student Services

Multicultural Student Services (MSS) provides programs that help build a greater understanding and appreciation of cultural diversity. New student orientation, cultural activities, workshops and opportunities for student involvement in campus life assist students to achieve personal, educational, and developmental goals.

The Multicultural Student Services Office is located in the University Center Building 220. For more information, call (602) 543-8148 or visit www.west.asu.edu/multicultural.

Native American Student Services Programs

Native American Student Services Programs (NASSP) assists Native American students to obtain a university education by providing outreach and retention services and activities which facilitate their academic success and graduation. Student services include assisting with the transition into the university by providing one-to-one information and support regarding tribal financial aid opportunities, communication resources, and referrals to campus services. For more information, call (602) 543-8138 or visit www.west.asu.edu/nativeamerican or University Center Building 220C.

Ombudsperson Committee

While all faculty and staff within the university community serve to facilitate matters, the Ombudsperson Committee members have been designated to serve as impartial fact-finders and problem-solvers. They have no power to reverse or change decisions but

have conciliation skills to help resolve matters. For a list of Ombudspersons, see the current *Schedule of Classes*.

Parking Services

Parking permits. All students, faculty and staff are required to have a current West campus parking permit in order to utilize the parking lots on campus. West campus parking permits may be purchased at www.west.asu.edu/adaff/auxs/parking or at the Parking Services office in the Welcome and Information Building. The annual cost for a parking permit is \$75. The cost is prorated if purchased after September 7th. Payment for permits may be made by cash, check, VISA, or MasterCard. New permits are required for each academic year.

Prorated refunds will be given upon request if permits are returned before the close of business on the last business day of April. Photo ID will be required for refunds.

West campus permits are valid in Lot 59 at the Tempe campus and in some lots at the East campus. Tempe campus and East campus parking permits are valid in student lots at West campus.

Parking lots are designated for specific types of permits. Parking maps (available at the Information Desks and Parking Services) and signage at each lot indicate which type of permit is appropriate for each lot. Visitors are encouraged to park in the visitor lot west of 47th Avenue, north of the Welcome and Information Building.

For more information on parking services, call (602) 543-PARK (7275) or visit the web at www.west.asu.edu/adaff/auxs/parking.

Travel reduction. The campus community is encouraged to support travel reduction measures by using mass transit, university shuttle bus, carpooling, bicycling, or walking, whenever possible. Bus schedules and bus tickets are available through Parking Services.

Carpool program. Parking Services will assist employees and students in locating a carpool partner or finding the closest carpool space. Special parking privileges are available to registered carpools. For information call (602) 543-PARK (7275).

Research Consulting Center

The Research Consulting Center (RCC) provides support and supplementary instruction for students who are involved in courses or projects requiring the use of quantitative and qualitative research methods. The center is also a resource for faculty who desire assistance with research design; collection, management, and interpretation of data; selection of appropriate statistical procedures; and writing and presentation of research. RCC operates a lab in CLCC 107. For information call (602) 543-6117.

Residential Life

Residential Life is committed to establishing a living and learning environment by developing programs that promote academic success and personal development while providing attractive, accessible facilities that meet the needs of the campus community.

The new 400-bed residential community, Las Casas, features two 3-story buildings of apartment-style residential units with full kitchens, laundry facilities, classrooms, a multipurpose room and computer lab, a swimming pool, and parking. Amenities include tutoring services, in-room Internet access, coordinated educational and social activities, and easy access to campus resources. The cost to residents is competitive with rents charged at nearby apartment complexes. For information, contact (602) 543-CASA or visit www.west.asu.edu/lascasas.

Student Accounts

Fee payment and cashing are services of Student Accounts, located in the University Center Building 101. Student Accounts is open for business 9:00 a.m. to 6:00 p.m. Monday - Thursday and 9:00 a.m. to 4:00 p.m. on Friday.

The Fee Payment section is responsible for the acceptance of tuition payments from registered students, assistance with accounts receivable matters and disbursement of pre-approved financial aid checks.

The Cashier's Office handles all cash transactions, graduate application and graduation fees, plus requests for official transcript payments and shuttle tickets. In addition, a personal check can be cashed for up to \$50 per student per day. For more information call (602) 543-6709 or visit www.west.asu.edu/adaff/fas/finstud.htm.

Student Affairs

Student Affairs is responsible for the delivery of a variety of enrollment and student development services and programs in support of students' educational pursuits and extracurricular needs. Special attention is given to the enrollment and retention of a culturally diverse student population. Student Affairs' stated mission is to assess and respond to the enrollment, support, and development needs of students and to contribute to the learner-centered environment of the campus.

The Dean of Students Office is located in the University Center Building 301. Visit Student Affairs at www.west.asu.edu/sa for further information.

Student Employment

Student Employment provides job opportunities, both on and off campus, for students who desire to work to meet their educational expenses. Students may be eligible for student hourly or Federal Work Study positions. For

more information about student employment or to view the jobs currently available, visit www.west.asu.edu/financialaid/stdemply.htm, call (602)543-8178, or visit the University Center Building 120.

Student Health Insurance

Students have the option to purchase health insurance through the university. Specific information regarding the insurance, including cost and coverage, is available in Student Health Services located in University Center Building 170, at www.west.asu.edu/studenthealth, or by calling Student Health Services at (602) 543-8019.

Student Health Services

All registered students are eligible to use Student Health Services, located in University Center Building 170. Services include, but are not limited to the areas of general medicine, women's health, mental health, health promotion and education, nursing triage, laboratory testing, immunizations, and limited pharmacy services.

Contact Student Health at (602) 543-8019 to schedule an appointment, or to receive information about student health insurance. Information is also available at www.west.asu.edu/studenthealth.

Student Life

The Student Life office encourages students to enhance their education by being actively involved in campus life. Several events and activities are held by Student Life to provide a holistic program that meets the social and co-curricular needs of students in the residence halls and on campus. The office also serves as a resource for student clubs and organizations and the Associated Students of ASU's West campus (ASASUW). Information about student rights and responsibilities and the ASU Student Code of Conduct can also be obtained in Student Life. Additionally, resources and

information are available for off-campus housing, student discounts, leadership training, campus posting guidelines, and campus events.

For information call (602) 543-8200, visit University Center Building 221, or visit www.west.asu.edu/studentlife.

Sun Card

The Sun Card office provides ID cards for students and university employees. The fee for a Sun Card is \$25.

Sun Dollars. Sun Dollars is a pre-paid services account managed by the Sun Card Office. It works similar to a bank debit card except that cash cannot be withdrawn (however, refunds are available when you leave ASU). Deposits are made to the account and then accessed by presenting your Sun Card to make purchases at the West campus Bookstore, Food Services, Copy Center, and Fletcher Library.

For more information, call (602) 543-5000, visit www.suncard1.com, or stop by University Center Building 140C.

Testing Services

Testing Services, located in the Welcome & Information Building (WIB 102), offers information on national and state qualifying examinations such as the GRE, GMAT, MAT, CLEP, LSAT, and MCAT. Regularly scheduled exams include CLEP and MAT. For additional information or assistance, call (602) 543-8136 or visit www.west.asu.edu/testing.

TRiO (SSS) Program

The TRiO (SSS) Program provides undergraduate degree-seeking students with a comprehensive system of learning assistance resources. The resources are designed to strengthen academic success as well as complement a student's overall educational experience. Personalized assistance such as math and writing tutoring, career and grad-

uate school advising, cultural enrichment, faculty-student and community mentorships, and learning strategies for students, is offered to meet the diverse needs of our student population. Participation in the program is voluntary and free of charge. Students must meet U.S. Department of Education eligibility requirements.

For information call (602) 543-8121, visit the program office in the University Center Building 220, or visit www.west.asu.edu/trio.

University-College Center

Glendale Community College and ASU's West campus have joined hands to create the University-College Center on the West campus. The Center provides students who are thinking of achieving a bachelor's degree with the courses and information they need to make a seamless and efficient transition to the university in the shortest period of time.

In addition to offering classes that will meet a variety of university-wide general studies and graduation requirements, the University-College Center provides students with advising, counseling, and academic support needed for progressing successfully toward a bachelor's degree. Call (602) 543-4222 for information or visit www.west.asu.edu/ucc.

Veteran Services

Veteran Services, located in the University Center Building 120, assists veterans eligible for VA educational benefits. Services include enrollment certification, benefits advisement, and assistance with the university admission and registration process. Call (602) 543-8220 for information or visit www.west.asu.edu/veteran.

Wellness and Fitness Facility

The Wellness and Fitness Facility, located in the lower level of the University Center Building, is available to students, faculty/staff, family members, and alumni on a fee for

service basis. Students also have the option of taking credit classes in a variety of fitness programs. Non ASU-affiliated individuals may use the facility on a monthly or multiple monthly fee basis.

The 6,000 square-foot facility houses a fully equipped weight room, aerobics room, men's and women's locker rooms, and is accessible to individuals with disabilities. Amenities at the center include elliptical trainers, life-cycles, treadmills, stairclimbers, weight machines/free weights, and the capability to do fitness assessments and body composition analysis. A variety of specialty classes including yoga and aerobics are offered each semester.

The facility also lends recreation equipment to individuals with an ASU ID card for use on campus basketball courts, racquetball courts, sand volleyball courts, and the multi-purpose soccer/football field. These facilities, located west of the Sands classroom building and south of the University Center Building, are available at no charge to ASU and University-College Center faculty, staff, and students. Call (602) 543-3488 or visit UCB B119 for more information or to make reservations, or visit www.west.asu.edu/adaff/auxs/fitness.

Women's Studies Resource Center

As a multi-component program of Women's Studies, the Women's Studies Resource Center supports research pertaining to local, national, and global issues in women's studies. The Center also promotes leadership opportunities, serves as a resource and action center, and acts as an advocate for women both within the university and in the larger community. The Women's Studies Resource Center is located in the University Center Building 323. For information call (602) 543-3426 or visit www.west.asu.edu/ws/wrc.

Financial Information



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Residency Requirements

Residency classification policies

The Arizona Board of Regents is required by law to establish uniform guidelines and criteria for classifying students' residency to determine those students who must pay non-resident tuition. The following is a summary of the guidelines used to determine residency for tuition purposes. A complete explanation of the Arizona Board of Regents' residency classification policies is available in Admission Services (www.west.asu.edu/admissions), University Center Building 120.

To obtain resident status for tuition purposes, independent students must establish their residence in Arizona at least one year immediately before the last day of regular registration for the semester in which they propose to attend ASU. Arizona residence is generally established when individuals are physically present in the state with the intention of making Arizona their permanent home.

Mere physical presence in Arizona for one year does not automatically establish residency for tuition purposes. Adult students and emancipated minors must be physically present in Arizona for one year, be self-supporting for two full tax years, and show objective evidence of their intent to make Arizona their permanent home. If these steps are delayed, the one-year period is extended until both presence and intent have been demonstrated for one full year. In addition to physical presence and intent, the student must demonstrate financial independence for the two tax years immediately preceding the request for resident classification. The student must demonstrate

objective evidence of self-support and that he/she was not claimed as an income tax deduction by his/her parents or any other individual for two years. An adult student is defined as being at least 18 years of age at the beginning of the domicile year.

No person is considered to have gained or lost resident status merely by attending an out-of-state educational institution.

Aliens. Students who are aliens are subject to the same requirements for in-state residency as are U.S. citizens. In establishing domicile, aliens must not hold a visa that prohibits establishing domicile in Arizona.

Exceptions to the general residency rule

Students may be eligible for resident status for tuition purposes if they can meet one of the following criteria on or before the last day of regular registration.

Legal dependents. If a student and his or her parents reside in Arizona and have not met the one-year residency requirement but the parents are entitled to claim the student as a dependent for federal and state tax purposes, the student may be eligible for resident status for tuition purposes.

Transferred employees. If students are domiciled in Arizona and have not met the one-year residency requirement but are employees or spouses of employees who have been transferred to Arizona by their employers for employment purposes, the students may be eligible for resident status for tuition purposes.

Members of the military. If students are not domiciled in Arizona but are members of the U.S. Armed Forces stationed in Arizona or are the spouses or dependent children of a member (as defined in A.R.S. § 43-1001), the students may be eligible for resident status for tuition purposes. If military service is concluded while they are enrolled, students do not lose resident status while they are continuously enrolled in a degree program.

If individuals are domiciled in Arizona immediately before becoming members of the U.S. Armed Forces, they do not lose resident status because of their absence while on active duty with the military as long as they maintain Arizona affiliations and state tax filing status consistent with a claim to Arizona residence during their absence.

Native Americans. Students who are members of a Native American tribe whose reservation lies both in Arizona and an adjacent state and who are residents of that reservation may be eligible for resident status for tuition purposes.

Refugees. Refugees may qualify as in-state students by virtue of having been granted refugee status in accordance with all applicable laws of the United States and having met all other requirements for residence in Arizona.

Procedures for establishing residency status

All students are responsible for obtaining residency classification for tuition purposes before registering and paying their fees. This procedure requires students to complete and file a domicile affidavit form. This form is required of all new and returning students as part of the admission or readmission process.

Students classified as nonresidents, who believe they may qualify for resident status, must file a petition with Registration Services. This petition must be filed by the last day of regular registration. Petitions may be obtained from Registration Services and may be submitted through that office. A student seeking resident status must also file supporting documentation, such as source(s) of support, driver's license, voter's registration, vehicle registration, etc. Students whose residency petitions are in process at the fee payment deadline are responsible for paying nonresident tuition. However, an appropriate refund is issued if residency is later granted for that semester.

Any student found to have made a false or misleading statement concerning residency or tuition status is subject to dismissal from the university.

Failure to file a timely written petition for reclassification of residency status for tuition purposes constitutes a waiver of the student's right to apply for the given semester. Petition deadlines are published each semester in the *Schedule of Classes*.

Residency classification is an extremely complex issue. The information presented here is a summary and does not address each individual's situation; therefore, students are encouraged to make a personal visit to Registration Services to discuss their individual circumstances. Guidelines for determination of residency for tuition purposes are subject to review and change without notice. For more information, call Residency Classification at (480) 965-7712, or visit www.asu.edu/registrar/residency.

Tuition and Fees

Fees, deposits, and other charges

The following fees apply to both credit and noncredit (audit) registrations and are subject to change. The Arizona Board of Regents reserves the right to change fees and charges without notice. The current semester *Schedule of Classes* generally reflects the up-to-date fee amounts.

Academic year resident tuition and nonresident tuition

The resident tuition and nonresident tuition for fall and spring semesters are shown in the “2004-2005 Resident and Nonresident Tuition” tables. The amounts listed are per academic semester. “Resident tuition” refers to the charge assessed to all resident students who register for classes at ASU. “Nonresident tuition” refers to the charge assessed to nonresident students, as established in *Arizona Board of Regents’ Policy 4-102*.

For information on in-state versus out-of-state residency classification, see “Residency Requirements” on [page 27](#).

Resident students registered for seven or more hours are considered full-time for fee payment purposes. The rate for one hour is charged if the student is registered for a one-hour or a zero-hour class.

Summer sessions fees. The 2005 registration fee per semester hour or audit enrollment is as follows:

	Resident*	Nonresident*
Undergraduate	\$207	\$362
Graduate	\$264	\$462

See the *Summer Sessions Schedule of Classes*.

2004-2005 Undergraduate

Resident and Nonresident Tuition*

Semester Hours	Resident Tuition	Nonresident Tuition
0-1	\$ 207	\$ 535
2	414	1,070
3	621	1,605
4	828	2,140
5	1,035	2,675
6	1,242	3,210
7	1,987	3,745
8	1,987	4,280
9	1,987	4,815
10	1,987	5,350
11	1,987	5,885
12 or more	1,987	6,414

2004-2005 Graduate

Resident and Nonresident Tuition*

Semester Hours	Resident Tuition	Nonresident Tuition
0-1	\$ 264	\$ 565
2	528	1,130
3	792	1,695
4	1,056	2,260
5	1,320	2,825
6	1,584	3,390
7	2,519	3,955
8	2,519	4,520
9	2,519	5,085
10	2,519	5,650
11	2,519	6,215
12 or more	2,519	6,779

* Tuition is subject to change for 2005-2006. In addition to tuition, students are charged for other fees (e.g., class fees and financial aid trust fee).

Financial Aid Trust fee. All students are assessed a mandatory Financial Aid Trust fee. Full-time (seven or more hours) students are charged no more than one percent of the current tuition. The fee for students enrolled in six or fewer hours is half that charged full-time students. The total summer sessions fee does not exceed the amount for a full-time student. Fees collected from students are matched by the State of Arizona and used to create the Arizona Financial Aid Trust Fund, from which Student Aid Trust Grants are awarded under the usual financial aid eligibility criteria used by the Financial Aid Services office.

Class fees. Certain university classes require payment of fees for materials, breakage, rentals, supervision and/or other related expenses. These fees are listed below. Since fees change or are sometimes added to, or deleted from the list, students should consult the *Schedule of Classes* for current fees.

CLASS FEES

Course		Fee
ACO 102	Principles of Computer Science	\$50
ACO 201	Data Structures and Algorithms	50
ACO 210	Introduction to Systems Programming	50
ACO 220	Introduction to Database Systems	50
ART 301	Photography II	25
ART 304	Advanced Photography	25
ART 314	Life Drawing II	20
ART 325	Figure Painting	20
ART 414	Advanced Life Drawing	20
ART 425	Advanced Figure Painting	20
ART 598	ST: Life Drawing	20
ART 598	ST: Figure Painting	20
BIO 100	Living World	25
BIO 187	General Biology I	25
BIO 188	General Biology II	25
BLE 478	Student Teaching in Diverse Language Classrooms	25
BLE 578	Student Teaching in Diverse Language Classrooms	25
CHM 101	Introductory Chemistry	25
CHM 113	General Chemistry	25
CHM 115	General Chemistry w/Qualitative Analysis	25
CHM 335	General Organic Chemistry Laboratory I	25
CHM 336	General Organic Chemistry Laboratory II	25
COE 396	Field Experience 1	10
COM 100	Introduction to Human Communication	30
COM 225	Public Speaking	30
COM 259	Communication in Business and the Professions	30
COM 484	Internship	5
EED 397	Field Experience 2	10
EED 411	Science in Elementary Schools	10
EED 478	Student Teaching	25
EED 496	Field Experience 3	10
EED 578	Student Teaching	25
GLG 111	Geological Disasters and the Environment Lab	10
HES 301	Adult Fitness	20
HES 302	Adult Fitness	20
HES 303	Adult Fitness	20
HES 394	ST: Group Fitness	20
IAP 306	Extended Traditions in Drawing	25
IAP 321	Music Composition I	50
IAP 322	Multitrack Digital Recording	50
IAP 323	Music and the Visual Arts	25
IAP 325	Sound Performance	50
IAP 332	Technical Production for Interdisciplinary Arts	25
IAP 334	Conceptual Development for the Arts	50
IAP 351	Concept, Image, Text	50
IAP 352	Seeing and Drawing	20
IAP 353	Contemporary Figure Drawing I	20

Course		Fee
IAP 354	Visual Representation	\$25
IAP 355	Illusion and Vision	25
IAP 356	Spatial Impressions	25
IAP 361	Digital Editing and Media Literacy	50
IAP 363	Sound, Image, Media	50
IAP 364	Documentaries	50
IAP 365	Digital Interactivity	50
IAP 368	Digital Graphic Technologies	50
IAP 394	ST: Introduction to Photography	25
IAP 421	Composition: Process, Technique, and Style II	50
IAP 422	Contemporary Orchestration Practices	50
IAP 434	Production Lab	25
IAP 452	Elements of Painting	25
IAP 453	Contemporary Figurative Painting	20
IAP 457	Urban Narratives	25
IAP 466	Digital Interactivity, Advanced	50
IAP 467	Acoustic Ecology	50
IAP 468	Digital Graphic Applications	50
IAP 480	Senior Project	50
IAP 494	ST: Acting for the Camera	25
IAP 494	ST: Intermediate Photography	25
IAP 494	ST: Life Drawing	20
IAP 494	ST: New Media Course	25
IAP 598	ST: Life Drawing	20
IAP 598	ST: Figure Painting	20
LSC 307	Comparative Plant Diversity	25
LSC 308	Plant Physiology	25
LSC 309	Flora of Arizona	10
LSC 311	Field Natural History	10
LSC 322	Fundamentals of Ecology Laboratory	25
LSC 348	Fundamentals of Genetics Laboratory	30
LSC 355	Cell Biology Laboratory	30
LSC 359	Animal Physiology Laboratory	25
LSC 365	The Human Organism	20
LSC 367	Elementary Biochemistry Laboratory	30
LSC 370	Vertebrate Zoology	25
LSC 385	Invertebrate Zoology	25
LSC 386	General Entomology	25
LSC 410	Techniques in Wildlife Conservation Biology	15
LSC 445	Fundamentals of Microbiology Laboratory	30
LSC 447	Molecular Genetics Laboratory	30
LSC 453	Animal Histology	20
LSC 471	Ornithology	25
LSC 473	Ichthyology	25
LSC 474	Herpetology	25
LSC 482	Methods of Teaching Biology	10
PHY 101	Introduction to Physics	10
PHY 113	General Physics Laboratory	15
PHY 114	General Physics Laboratory	15
REC 484	Senior Internship	10
SED 397	Field Experience 2	10
SED 478	Student Teaching	25
SED 578	Student Teaching	25
SPE 397	Field Experience 2	10
SPE 478	Student Teaching	25
SPE 496	Field Experience 3	10
SWG 540	The Professional Experience I	10
SWG 543	The Professional Experience II	10
SWG 645	The Professional Experience III	10
SWG 646	The Professional Experience IV	10
SWU 412	Field Instruction I	10
SWU 414	Field Instruction II	10

Arizona Students' Association (ASA) fee. The Arizona Students' Association is a nonprofit, higher education, advocacy organization that represents Arizona's public university students to the Arizona Board of Regents, State Legislature, and U.S. Congress. In 1997, students at the state universities voted to change the mechanism for funding the ASA to a \$1 fee, which will be charged to each student every semester. Any refunds for this fee will be provided through the ASA Central Office.

Student Recreation Complex fee. All students (except university employees) who take at least one class at ASU's Tempe campus must pay a mandatory Student Recreation Complex fee. Full-time (seven or more hours) students are charged \$25 per semester. Part-time students pay \$12 per semester, and summer students pay \$12 per session. See the current semester *Schedule of Classes* for further information.

Graduate Professional Program fees. Some graduate programs assess an additional differential fee. These fees differ according to college and/or program. Contact your program advisor for details on these fees.

Late registration. A \$35 administrative fee will be assessed on registration payments received after fee payment deadline but processed before the class enrollment purge. A \$50 fee is assessed on registrations processed on or after the first day of each session.

On-campus housing. In 2004-2005, the cost of on-campus housing at the West campus was \$3,555 for double and \$4,455 for single bedroom occupancy for the academic year. For more information, call Las Casas at (602) 543-2272 or visit www.west.asu.edu/lascasas.

Payment deadlines and methods

Payment deadlines. *Registration fees must be paid by the deadline dates and times indicated or the registration is voided.* A fee payment deadline is printed on all Schedule/Billing Statements and in the current semester *Schedule of Classes*.

Payment may be made by credit card (VISA, MasterCard, or Discover), debit card, cash, check, money order, or financial aid or by sponsored agencies.

Tuition Installment Plan. The tuition installment plan offers students an option to divide fall and spring semester tuition payments over several months. Students may enroll in the tuition installment plan and reserve their classes over the phone using SunDial, on the Internet through ASU Interactive, in person, and by mail. Students must reenroll in the plan each semester.

All students are eligible to enroll in the plan after they register for classes, with the exception of students owing past-due charges. Enrollment in the plan is an available option through the end of the first week of classes. If students receiving financial aid choose to enroll in the plan, all tuition charges are paid by financial aid and any remaining financial aid is refunded to the student. Students with financial aid continue to have the option to hold their classes at no extra cost rather than enrolling in the plan.

Upon enrollment in the plan, tuition is billed in three installments on the Student Account Receivable System. For example, for the fall semester, the first billing statement will be mailed in early August, with tuition due on August 25, September 25, and October 25. Students are charged a per semester administrative fee to cover costs associated with enrollment in the plan. The fee is billed on the Student Account Receivable System and is due at the same time as the first installment. The fee is nonrefundable, even if students withdraw from classes. The per semester enrollment fee is \$75.

Once a student enrolls in the plan for a given semester, he or she will not be withdrawn from classes during the current semester. Students must withdraw from classes if they decide not to attend. If students enrolled in the plan do not make scheduled payments, the students are prohibited from registering

for classes in future semesters and are blocked from receiving university services, such as transcripts. Former students with outstanding tuition charges are referred to an outside collection agency.

ASU Interactive. ASU Interactive is ASU’s website for registration, tuition payment, grade inquiry, transcripts, address and telephone update, and more. See the current *Schedule of Classes* for available dates and times, or access ASU Interactive at: www.asu.edu/interactive.

SunDial. The SunDial system, at (480) 350-1500, allows students to make fee payments from any touch-tone phone, in addition to registering for classes and implementing drop/add. Refer to the current semester *Schedule of Classes* for available dates and times, and further information about the SunDial system.

Checks. Checks payable for the exact amount of charges and without a restrictive endorsement are generally acceptable, except for students on check use suspension due to a previously returned check.

Debit/credit card. Debit card, VISA, MasterCard, or Discover payments are subject to authorization by the issuing bank. If authorization is denied, the registration payment cannot be processed and class registration will be lost.

Financial Aid. Students receiving financial aid may use their expected aid to pay tuition and fees. Students who wish to do so must follow specified procedures. See the current *Schedule of Classes* for further information.

Veteran deferred payment. The Veterans Readjustment Assistance Act allows veterans to apply for deferred payment of fees, books, materials, and supplies required for courses. To assist eligible students, a Veteran Promissory Note may be issued deferring payment during the first semester of benefits. Visit the Veterans Services office in the University Center Building 120 or call (602) 543-8220.

Returned checks. Checks returned by a bank are assessed a \$15 service charge with repayment needed within five business days of notification. A second \$12 service charge is applied if the returned check is not repaid within this five-day period. Repayment of a returned check must typically be in cash.

Students paying tuition and fees with a check that is subsequently not honored by a financial institution are subject to involuntary withdrawal from the university if repayment is not made. All students involuntarily withdrawn are charged according to the standard refund schedule as of the involuntary withdrawal date, as determined by the university.

Other fees and charges

Admission application.

	Resident	Nonresident*
Undergraduate		
Degree	\$25	\$50
Nondegree	\$25	\$50
Graduate		
Degree	\$50	\$50
Nondegree	\$50	\$50

* Also includes resident students applying from out-of-state.

Admission application fees must be paid at the time of application.

Transcripts. The fee for an official transcript is \$10 per copy. “Rush” transcripts (requested to be printed and picked up on the same day) will cost \$10 in addition to the total cost of the transcripts ordered.

Copies of educational records other than ASU transcripts.

Number of Pages	Total Charge
1 to 5	Free
6 to 10	\$2
11 to 15	\$3

Copies of additional pages cost \$1 for each five pages copied.

Graduation application or reapplication.

Undergraduate	\$18
Graduate	\$25

A late fee of \$25 is added to the charge noted if not paid on or before the deadlines shown in the *Schedule of Classes*.

Sun card (ID).

Fee\$25

Comprehensive examination. This fee is paid by all students seeking to establish credit by examination and is \$50 per semester hour.

Parking permits. West campus parking permits have a \$75 annual fee. Replacement permits are \$25.

Parking violations. Fines for parking violations range from \$10 to \$100. *Appeals for parking citations must be filed, within 14 calendar days from the issuance date, with the appeals officer. If upheld, the parking citation may be further appealed, after payment, to the Parking Citation Appeals Board.*

Delinquent financial obligations

Arizona Board of Regents' Policy 4-103B, which applies to ASU, states the following:

1. Each university shall establish procedures to collect outstanding obligations owed by students and former students.
2. Each university shall maintain a system to record all delinquent financial obligations owed to that university by students and former students.
3. Students with delinquent obligations shall not be allowed to register for classes, receive cash refunds or obtain transcripts, diplomas or certificates of degree. The university may allow students to register for classes, obtain transcripts, diplomas, or certificates of program completion if the delinquent obligation is \$25 or less.

4. Unpaid obligations shall remain a matter of record until students and former students satisfy their financial obligations or until satisfactory arrangements for repayment are made with the university.

5. The university may write off delinquent financial obligations of students according to accepted accounting principles and after appropriate collection efforts. No such write-off shall operate to relieve the student of liability for the obligation nor shall such write-off entitle the student to release of any transcripts, diplomas, or certificates of program completion, or to register for further university classes until such obligation is actually paid.

6. Each university shall include this policy in its bulletin or catalog.

A late charge of \$15 is assessed for balances due the university between \$20 and \$100 not paid within 30 days of the initial due date. A second, third, and fourth \$15 late charge is assessed at 60, 90, and 120 days past due. A late charge of \$25 is assessed for balances due the university between \$101 and \$1,000 that are not paid within 30 days of the initial due date. A second, third, and fourth \$25 late charge is assessed at 60, 90, and 120 days past due. A late charge of \$50 is assessed for balances due the university greater than \$1,000 that are not paid within 30 days of the initial due date. A second, third, and fourth \$50 late charge is assessed at 60, 90, and 120 days past due.

Procedures to be followed for disputed charges are available from Student Accounts in the University Center Building 101.

Refunds

Academic year resident tuition and nonresident tuition. Students withdrawing from school or individual classes during the fall or spring terms receive a refund as follows:

<i>Withdrawal Date</i>	<i>Refund</i>
Before first day of	100% less
the semester	\$.35
One through 7 calendar days80%
8 through 14 calendar days60%
15 through 21 calendar days40%
22 through 28 calendar days20%
After the 28th calendar daynone

Students receiving financial aid and attending the university for the first time will receive a prorated refund. The refund schedule provided above reflects the minimum amount of money that will be refunded to these students.

The exact dates of the refund schedule are listed in the current semester *Schedule of Classes*.

Withdrawal occurs on the calendar day that withdrawal is requested, either in person at a registrar site or by phone using SunDial, the touch-tone telephone system, for registration and fee payment. Students withdrawing for medical reasons or other extenuating circumstances may contact the Student Accounts Office, University Center Building 101, for refunds that may be available under these circumstances.

Summer sessions fees. Students withdrawing from any summer session or individual summer classes receive a refund as follows:

<i>Withdrawal Date</i>	<i>Refund</i>
Before first day of the session	100%*
First and second days of session	80%
Third day of session	60%
Fourth day of session	40%
Fifth day of session	20%
After the fifth day of session	none

*A \$35 processing fee is subtracted per session.

Workshop and short courses. Students withdrawing from a workshop or short course prior to the first scheduled class day may receive a full refund minus a \$35 fee. Students withdrawing the first class day may receive an 80% refund. No refunds will be made after the first class day.

Class fees. Refunds of class fees are processed automatically if the related course is dropped during the first week of class. After the first week, refunds, if any, are determined by the department offering the course. Refund determination is based on withdrawal date, type of activity, and costs already incurred by the department.

Late registration. This fee is not refundable.

Student Recreation Complex fee.* This fee is refundable only upon complete withdrawal in percentage increments per the refund schedule.

*For those students taking one or more classes at ASU's Tempe campus.

Admission application fee. This fee is not refundable.

Arizona Students' Association (ASA) fee. Any refunds for this fee will be provided through ASA Central Office at (480) 966-6358.

Financial Aid Trust fee. This fee is not refundable.

Graduate Professional Program fee. Students withdrawing from school or individual classes receive a refund of Graduate Program Fees in accordance with the tuition refund schedule.

Transcripts. Overpayments by mail of \$5 or less are only refunded by specific request.

Parking permit fees. Prorated refunds are available through the last business day in April.

On-campus housing. Refunds to students departing from Las Casas housing before the end of the academic year are computed as prescribed by the Housing License Agreement. Students should contact the Las Casas office at (602) 543-2272 for further details.

Graduation fee. Overpayments by mail of \$5 or less are only refunded by specific request.

Other university charges. Other university charges are normally not refundable, unless individual circumstances warrant.

Payment of refunds. When the last day of a refund period falls on a weekend or holiday, a withdrawal form must be submitted to one of the registrar sites no later than the workday preceding the weekend or holiday. Refunds are normally paid by check, payable to the student, and are mailed to the student's local address.

Forfeiture of refunds. Refunds are subject to forfeiture unless obtained within 90 days of the last class day of the semester for which the fees were originally paid.

Financial Aid

Pursuing a college education is an important life decision as well as a major financial investment. Financial Aid Services is committed to assisting students with meeting their college costs; however, the primary responsibility for financing a college education belongs to the students and their families. Financial assistance is available in the form of scholarships, grants, loans, and employment. Financial aid programs are funded by a variety of sources including the university, alumni, private foundations, individuals, and state and federal governments.

To be considered for financial aid, all students must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA is available in paper form at any high school, college, or university or it can be completed on the web at www.fafsa.ed.gov. The FAFSA should be completed in January or early February preceding the academic year the student plans to attend ASU. The priority date for submitting the FAFSA is February 15. Applications completed after the priority date are processed; however, students will be less likely to receive scholarships, grants and federal work-study due to funding limitations.

Upon receiving the FAFSA information, Financial Aid Services will send notification to the student if any additional information is needed to complete the student's file. Additional information required could be documents such as copies of federal tax returns, proof of valid visa, or proof of registration with Selective Service. Students should carefully read all correspondence received. Once their files are complete, students will receive an award notification. Additional information will also be sent to students regarding the disbursement of financial aid funds.

Students need to be aware of the responsibilities that are associated with receiving financial aid funds. It is the student's responsibility to notify Financial Aid Services of any changes in circumstances that may affect financial aid eligibility (e.g., loss of income, change in residency classification). Students receiving financial aid are required to meet minimum standards of satisfactory academic progress. In addition to maintaining the minimum GPA defined for good academic standing, students must complete the semester hours for which they are funded within the academic year. Failure to meet these standards will result in suspension of financial aid for subsequent semesters until the deficiency is satisfied. Students who withdraw from the university will have their financial aid reevaluated in accordance with the federal and institutional refund policies. Refund policies are published in the *Schedule of Classes*.

Use Financial Aid to hold/pay for classes.

Students with financial aid awards should use the SunDial phone registration system, (480) 350-1500, or ASU Interactive/Access Tuition Services (www.asu.edu/interactive) to hold classes before the fee payment deadline published in the *Schedule of Classes*. Upon completing the SunDial or ASU Interactive transaction, the student will be given a confirmation number that should be retained by the student for future reference. If the balance owed for tuition and fees exceeds the amount of financial aid, the student must pay the balance owed with cash, check, or credit card. Classes not held with financial aid and/or personal payment will be dropped.

Information about financial aid is also available at www.west.asu.edu/financialaid. Students can access personal information regarding their financial aid through the SunDial phone system at (480) 350-1500 or at ASU Interactive: www.asu.edu/interactive.

Types of Financial Aid and Major Programs

There are four categories of financial aid:

1. scholarships;
2. grants;
3. employment; and
4. loans.

Scholarships

There are two sources of scholarships at the West campus — university funded and private donor scholarships. Many scholarships are offered on the basis of academic merit. However, financial need criteria may also be included in the selection of recipients. Other considerations are GPA, leadership qualities, and community service. Additional information about scholarships is available from Financial Aid Services in University Center Building 120, on the office website: www.west.asu.edu/financialaid, and in appropriate academic unit/program offices. High school students should also contact their high school counselors about scholarships available to graduates bound for college.

The largest source for university funded scholarships is the Arizona Board of Regents' authorized Scholarship Program. In addition, many scholarships are funded from a General Endowment Fund. University scholarships are awarded to students who demonstrate leadership, financial need, scholastic or scientific abilities.

The deadline to apply for these awards is in early spring. Students are encouraged to contact Financial Aid Services or visit www.west.asu.edu/scholarships to obtain the application deadline date.

Most of the private donor funds available are provided by employers, private individuals, organizations, and corporations. Private donors may use criteria determined by

Financial Aid Services to identify candidates, or they may require a separate application process.

Grants

Grants are awarded to students without future payment or service obligation. Grants are awarded on the basis of financial need, and in many cases, exceptional need.

Federal Pell Grant. The Federal Pell Grant program is funded by the federal government and is a basic financial resource to low- and moderate-income students. Eligibility is determined by the federal government through the financial aid application process. A student may be eligible for a maximum grant of \$4,050 for 2004-2005 (subject to change).

Federal Supplemental Educational Opportunity Grant. Funds are received from the federal government and awarded by the university. Students demonstrating exceptional financial need, based on a specific calculation, will receive funds from this program. Generally, students with Pell Grant eligibility are eligible for a supplemental grant, provided that funds are available. The maximum grant for 2004-2005 is \$1,000 (subject to change.)

Leveraging Educational Assistance Partnership (LEAP). Students with high financial need may receive this form of funding. This program is restricted to Arizona residents. The maximum grant is \$1,500 for 2004-2005 (subject to change).

Financial Aid Trust Grant. This grant is provided in partnership between ASU students and the state legislature. These funds are provided to resident, undergraduate students with high financial need. The maximum grant for 2004-2005 is \$2,000 (subject to change).

ASU Grant. This grant is for undergraduate students who demonstrate exceptional financial need. The maximum grant for 2004-2005 is \$2,000 (subject to change).

University Grant West. This grant is for students admitted to West campus degree programs only, and is awarded to students who demonstrate financial need. The maximum grant for 2004-2005 is \$2,000 (subject to change).

Employment

At ASU, employment opportunities are available for students to not only earn funds, but to gain experience in areas related to their majors or career interests.

Federal Work-Study. Funds for this program are provided by the federal government and the university. Students employed under this program receive the same pay rates as other students employed at the university, and all students are paid bi-weekly. For participation in this program students must demonstrate need and be enrolled at least half-time.

Hourly on-campus. The university, with its own resources, hires many students on a part-time basis. Although the jobs are similar to the Federal Work-Study program, the university provides the entire amount of the student's wage. Hourly employed students must be enrolled for a minimum of one credit hour.

Part-time off-campus. The Financial Aid Services office acts as a referral source to the community surrounding the West campus. The university receives requests for assistance from many local agencies and corporations to help them recruit and hire students on a part-time basis.

For more information about student employment or to view jobs currently available, visit www.asu.edu/fa/studemp.

Loans

More than 2,900 West campus students borrow approximately \$22 million annually. A variety of loan programs are provided to assist students and, in some cases, parents in the financing of a university education.

Stafford Student Loans. Through the Stafford Student Loan Program, the federal government provides guaranteed loans to eligible students. The university must, through a needs analysis process, determine each applicant's eligibility. Repayment of the loans is made after graduation. For new borrowers, there is a variable interest rate that is adjusted annually and cannot exceed 8.25%. In addition, there is a 3% loan origination fee deducted from each disbursement. Grace periods, deferment opportunities, and consolidation options exist for borrowers after graduation.

There are two types of loans — subsidized and unsubsidized. Students awarded a subsidized loan have demonstrated need and the loan interest will be paid by the federal government while the student is in school or in deferment.

A student without demonstrated financial need can receive an *unsubsidized* loan, and will be responsible for the interest payments from the beginning of the loan period. However, the interest will be capitalized unless the student chooses to pay the interest while in school.

The combination of subsidized and unsubsidized loans borrowed by *independent undergraduate students* cannot exceed:
year 1 - \$6,625; year 2 - \$7,500;
year 3 - \$10,500; year 4 - \$10,500.

The combination of subsidized and unsubsidized loans borrowed by *dependent undergraduate students* cannot exceed:
 year 1 - \$2,625; year 2 - \$3,500;
 years 3, 4 - \$5,500.

Graduate students may borrow both subsidized and unsubsidized loans. The maximum amounts are \$8,500 per year in subsidized loans, and \$10,000 per year in unsubsidized loans.

Federal Perkins Loan. In this program, the university lends federal funds to eligible undergraduate and graduate students. Loans are repaid directly to the university at a 5% interest rate that begins nine months after graduation. No interest is charged or accumulated during enrollment. Deferment and cancellation provisions are available under some circumstances.

Federal Parent Loans for Undergraduate Students.

The Federal Parent Loan for Undergraduate Students (PLUS) is available to help parent borrowers finance their children's education. There is no interest subsidy and lenders determine the parents eligibility based on credit worthiness. If parents are determined ineligible for a PLUS and students need additional funds, they should contact Financial Aid Services to determine their eligibility for a Direct Unsubsidized Loan. Repayment of parent loans begins 60 days after disbursement of the loan to the parent. The maximum loan amount is determined by subtracting all other financial aid awarded from the student's cost of attendance.

Alternative loans. For information and advise-ment about alternative loan programs, contact the Financial Aid Services office at (602) 543-8178.

Taxability of financial aid programs

Scholarships, grants, fellowships, and stipends (but not loan funds) are taxable income to the recipient, except for the portion of these funds used for tuition, registration, and other university fees, or books, supplies, and equipment required for the courses being taken. Special tax regulations also apply to nonresident alien students and may require withholding of taxes at the time of aid disbursements to these individuals. Information on the taxability of scholarships can be obtained from the following Internal Revenue Service (IRS) publications and forms: *Publication 519-U.S. Tax Guide for Aliens*; *Publication 520-Scholarships and Fellowships*; Form 1040EZ and Instructions-Income Tax Return for Single and Joint Filers with No Dependents; and Form 1040NR and Instructions-U.S. Nonresident Alien Income Tax Return.

These publications and forms can be obtained from the IRS at its toll-free number 1-800-829-FORM (3676). These publica-tions and forms can also be accessed online at www.irs.gov/formspubs.

Veterans benefits

Veteran Services provides assistance to veterans eligible for VA educational benefits. Services include enrollment certification, benefits advisement for Chapter 32 VEAP, Chapter 30 Montgomery GI Bill, Chapter 31 Voc-Rehabilitation, Chapter 35 Dependent/Survivor, Chapter 106 Reservists, and assistance with the university admission/registration process. Additional information is available online at www.west.asu.edu/veteran.

Visit Veteran Services in University Center Building 120 or call (602) 543-8220 for more information.

- 40** *Registration Information and Policies*
- 42** *Special Programs*
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- 49** *Academic Standards and Retention*
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- 54** *Classification of Courses*

General Academic Policies



Registration Information and Policies

Anyone attending a class at the university must be registered for that class. A student is considered to be registered when all registration fees have been paid in full.

Eligibility

To be eligible to register for courses at ASU, a student must be continuing from the previous semester or have been admitted or readmitted to the university. See “Admission” pages 60-75 and “Readmission” page 75.

Proof of identification (Sun Card)

In order to receive many university services, photo identification is required. Each admitted student who completes the registration process for a regular semester should purchase a student identification card (Sun Card). Photos are taken at ASU’s West campus Bookstore.

Registration fees

For detailed information about registration fees, please refer to the “Tuition and Fees” section of this catalog and to the current *Schedule of Classes*. Registration fees are due and must be paid in full at the time specified each semester in the *Schedule of Classes*.

If any payment tendered is not authorized (e.g., credit card payment), incomplete, or received after the due date, registration fees are considered unpaid and class registration may be voided.

Schedule of Classes

The *Schedule of Classes* is published each semester and distributed without charge. It lists the semester’s course offerings, dates, times, places, and procedures for registration, along with other important information relating to the semester.

For the on-line schedule of classes, visit www.west.asu.edu/registrar.

Course load

Although full-time tuition and fees may be assessed for students enrolling for seven (7) hours or more, a minimum full-time course load for an undergraduate student is 12 semester hours for enrollment verification purposes. The maximum course load for which a degree-seeking undergraduate student may register is 18 semester hours.

For graduate students, a minimum full-time course load is nine (9) semester hours, and the maximum course load for which a student may register is 15 semester hours. A student wishing to register for more than the maximum must petition the appropriate standards committee and must present an approved petition at the time of registration.

Overload petitions are not ordinarily granted to students who have a cumulative GPA of less than 3.00 and who do not state valid reasons for the need to register for the credits. Students who register for semester hours in excess of the maximum and do not have an approved overload petition on file will have courses randomly removed through an “administrative drop” action. Contact an academic advisor for more information about course overloads.

Summer course load. The maximum load for each five-week session is seven semester hours and nine semester hours for the eight-week session. The student registering for any combination of sessions may not exceed a total of 14 semester hours. The credit load limit for the intersession is four semester hours, which are not considered part of the maximum 14 semester hours limit for Summer Sessions.

Enrollment verification guidelines

The following general guidelines are used to verify enrollment. Such verifications are prepared by Registration Services upon request by the student.

	<i>Full-Time</i>	<i>Half-Time</i>	<i>Less Than Half-Time</i>
Regular semester			
Undergraduate	12 or more hours	6-11 hours	5 or less hours
Graduate	9 or more hours	5-8 hours	4 or less hours
Graduate Assistant*	6 or more hours	—	—
Five-week summer session			
Undergraduate	4 or more hours	2 hours	1 hour
Graduate	3 or more hours	2 hours	1 hour
Graduate Assistant*	2 or more hours	1 hour	
Eight-week summer session			
Undergraduate	6 or more hours	3-5 hours	2 or less hours
Graduate	5 or more hours	3-4 hours	2 or less hours

*For enrollment verification purposes, graduate assistant is a generic term that includes graduate assistant, teaching assistant, research assistant, graduate associate, teaching associate, and research associate.

Concurrent enrollment

Provided that other university regulations concerning enrollment, graduation requirements, or transfer of credits are not violated, a student may be enrolled in classes at other institutions or in correspondence courses while enrolled at ASU. However, the student is urged to seek advisement before concurrent enrollment to assure timely progress toward a degree. If total credits exceed the maximum course load, prior permission must be granted by the appropriate standards committee.

Reserving of course credit by undergraduates

Seniors at ASU within 12 semester hours of graduation may enroll in a 400 level or graduate course and reserve the credit for possible use in a future graduate program. The course cannot be used to meet a baccalaureate graduation requirement. Before registration in the course, the student must submit a Graduate Studies Petition form requesting credit reservation. The form must be signed by the student's advisor, the dean of the academic unit offering the class, and the associate vice provost for academic programs and graduate studies.

Permission to reserve a course does not guarantee admission to a graduate degree program or that the course may be used toward graduate degree requirements. A maximum of nine hours of credit may be reserved, and only courses with a grade of "B" (3.00) or higher are applicable. Reserved credit earned before admission to a graduate degree program is classified as nondegree credit. The maximum course load for a student enrolled in a reserved course is 15 semester hours during a regular semester and six hours during a summer session.

Special Programs

Studies abroad

ASU offers students a world of opportunities. Two types of programs—study abroad and student exchange—are available to all ASU students through the International Programs Office (IPO).

Exchange programs. ASU students study at a foreign university, and in return, students from that institution study at ASU. Exchange programs offer students the chance to enter mainstream university life in the host country. Exchanges are offered in both English and foreign languages for those who meet proficiency standards. Certain host universities offer on-site language instruction before the start of the academic term. ASU students pay their normal tuition and fees at ASU, and an exchange fee (\$350/semester, \$600/academic year) to the International Programs Office. Financial aid, scholarships and tuition waivers may be applied.

Study abroad programs. ASU students study at a foreign institution, but without the reciprocal exchange of students from the foreign country. There are study abroad options that cover a wide range of academic subjects, and may or may not be fully integrated into mainstream university life and classes depending on the academic nature of the program. Study abroad programs are offered in both English and foreign languages, and there are many programs in non-English speaking countries that offer classes in English. Foreign language programs cater to all levels of ability, from language learning for beginners to regular university classes for those who meet proficiency standards. Instead of paying normal ASU tuition and fees, ASU students pay a program fee to the International Programs Office, which includes the cost of tuition at the school abroad. Tuition scholarships are not applica-

ble, but in many cases, tuition may be deferred. Some scholarships and most financial aid may be applied.

Information on study abroad/student exchange programs is available in Multicultural Student Services in University Center Building 220, (602) 543-8201.

Interested students may also visit the IPO web page at <http://ipo.asu.edu> or call IPO at ASU's Tempe campus at (480) 965-5965.

Traveling Scholar Program

The Traveling Scholar Program is a cooperative program among the three state universities designed to enable students to take advantage of programs or special resources that are not available at their own institutions. Any undergraduate student with a GPA of at least 2.50 or graduate student with a GPA of at least 3.00 enrolled full-time at Arizona State University, Northern Arizona University, or University of Arizona may be designated a Traveling Scholar by prior mutual agreement of the appropriate academic authorities at both the sponsoring and hosting institutions. Contact Registration Services for additional information and the application form.

Western Interstate Commission for Higher Education (WICHE)

Arizona residents who wish to attend professional schools of dentistry, occupational therapy, optometry, osteopathy, physician assistance, and veterinary medicine may enroll in professional programs in other states or at in-state private institutions since these programs are not available at Arizona's public universities. Through the exchange, the student receives preference in admission and pays only the resident tuition fee at a public institution, or the difference between

the WICHE support fee and standard tuition at a private school. Applicants must be legal residents of Arizona for a minimum of five years before the commencement of training, and be U.S. citizens, and must have maintained at least average grades to be eligible to be certified for support through the WICHE program. Recipients are required to practice

in Arizona one year for each year of support or repay 50 percent of the funds expended on their behalf plus interest.

For an application and more information, call the Arizona Board of Regents at (602) 229-2500, or access the WICHE website at www.wiche.edu.

Credits and Grades

Credit enrollment

The semester hour is the unit on which credit is computed. To obtain credit, a student must be properly registered and must pay fees for the course.

Definition of a unit of credit. The Arizona Board of Regents has defined (May 26, 1979) a unit of credit for the institutions under its jurisdiction. A minimum of 45 hours of work by each student is required for each unit of credit. For lecture-discussion courses, this requirement equates to at least 15 hours in class and a minimum of 30 hours of work outside the classroom for each unit of credit. Even though the values of 15 and 30 may vary for different modes of instruction, the minimum total of 45 hours of work for each unit of credit is a constant. Since the unit of credit as defined by the Arizona Board of Regents is the cornerstone of academic degree programs at ASU, degrees granted by other institutions that are recognized by ASU should be based on a similar unit of credit.

Grades and marks

All grades and marks appear on the permanent record and/or unofficial transcript.

They are indicated by the letters shown in the “Grades” table on this page.

<u>Grade</u>	<u>Definition</u>	<u>Value</u>
A+	–	4.33 ¹
A	Excellent	4.00
A-	–	3.67
B+	–	3.33
B	Good	3.00
B-	–	2.67
C+	–	2.33
C	Average	2.00
D	Passing	1.00
E	Failure	0.00
I	Incomplete	–
NR	No report	–
P	Pass	–
W	Withdrawal	–
X	Audit	–
Y	Satisfactory	–
Z	Course in progress ²	–

¹ Although the scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

² This grade is usually given pending completion of courses.

Grading options. Ordinarily a grade of “A+,” “A,” “A-,” “B+,” “B,” “B-,” “C+,” “C,” “D,” or “E” is given upon completion of a course, unless a grading option of “audit” or “pass/fail” is indicated at the time of registration. *Grading options cannot be changed after the close of the drop/add period.*

Ordinarily, the instructor of a course has full discretion in selecting which grades to use and report from the available grading options.

Grade point average. For the purpose of calculating the grade point average (GPA), grade points are assigned to each of the grades for each semester hour as follows:

“A+,” 4.333 points; “A,” 4.000; “A-,” 3.667; “B+,” 3.333; “B,” 3.000; “B-,” 2.667; “C+,” 2.333; “C,” 2.000; “D,” 1.000; “E,” 0.000. GPAs are rounded to the nearest 100th of a grade point.

Grade points earned for a course are multiplied by the number of semester hours to produce honor points. (*Grade points x semester hours = honor points.*) For example, receiving an “A,” which is assigned four grade points, in a three-semester-hour course would produce 12 honor points. The grade point average (GPA) is obtained by dividing the total number of honor points earned by the net hours, which is the total number of semester hours graded “A+,” “A,” “A-,” “B+,” “B,” “B-,” “C+,” “C,” “D,” or “E.” (*GPA = total honor points ÷ total semester hours.*) Other grades do not carry grade points.

Semester GPA is based on semester net hours. *Cumulative GPA* is based on total net hours. Although the plus/minus scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

Incomplete. A mark of “I” (incomplete) is given by the instructor only when a student who is otherwise doing work is unable to complete a course because of illness or other conditions beyond the student’s control. The mark of “I” should be granted only when the student can complete the unfinished work with the same instructor. However, an incomplete “I” may be completed with an instructor designated by the department chair/director if the original instructor later becomes unavailable for any reason.

The student is required to arrange with the instructor for the completion of the course requirements. The arrangement is recorded on the Request for Grade of Incomplete form. The student has one calendar year from the

date the mark of “I” is recorded to complete the course. If the student completes the course within the calendar year, the instructor must submit a Request for Grade of Incomplete/Authorization for Change of Grade form to Registration Services whether the student passed or failed the course. Marks of “I” are changed to a grade of “E” (0.00) for purposes of evaluating graduation requirements for undergraduate students. A grade of “I” received in an undergraduate course in the fall 1983 semester or thereafter will be automatically changed to a grade of “E” (0.00) if it remains on the student’s record for more than a year. An undergraduate student does not reregister or pay fees for a course for which an incomplete “I” has been received in order to complete the course. Performance of work to remove the “I” grade does not constitute registration and does not afford the student access to university services or facilities.

Students who receive a mark of “I” in courses at the 500 level or above have one calendar year to complete the course for a grade. After one calendar year, the mark of “I” becomes a permanent part of the transcript. To repeat the course for credit, a student must reregister and pay fees. The grade for the repeated course appears on the transcript but does not replace the permanent “I.”

Satisfactory. A mark of “Y” (satisfactory) may be used at the option of individual colleges and schools within the university and is appropriate for internships, projects, reading and conferences, research, seminars, theses, and workshops. The “Y” is included in earned hours but is not computed in the GPA.

Audit Enrollment. A student may choose to audit a course, in which case the student attends regularly scheduled class sessions, but no credit is earned. This grading option may not be changed after the close of drop/add. The student should obtain the instructor’s approval before registering and paying the fees for the course. Selected courses may not be audited.

The mark of “X” is recorded for completion of an audited course, unless the instructor determines that the student’s participation or attendance has been inadequate, in which case, the mark of “W” (unrestricted withdrawal) may be recorded. The “X” is not included in earned hours and is not computed in the GPA.

Pass/Fail Enrollment. A mark of “P” (pass) or “E” (fail) may be assigned for this grading option. This grading method may be used at the option of individual colleges and academic units within the university. Consult the appropriate college or school office for detailed information and restrictions before registration. A course in which the student receives a “P” is included in earned hours, but the “P” is not computed in the GPA.

Attendance

The instructor has complete authority in deciding whether class attendance is required.

Change of grade

Ordinarily, the instructor of a course has the sole and final responsibility for any grade reported. Once the grade has been reported to the registrar, it may be changed upon the signed authorization of the faculty member who issued the original grade, with the approval of the department chair and the dean of the college concerned. This policy also applies to the grade of “I” (incomplete).

Grade appeals. The professional responsibility for assigning grades is vested in the instructor of the course and requires the careful application of professional judgment. However, a grievance process allows academic deans to change a particular grade if evidence presented in the grievance process calls for such a change. For details on the Grade Appeals Process, see [pages 51-52](#) of this catalog.

Repeating courses. Credit is given only once for enrollment in any university course. However, an undergraduate course taken at the university may be repeated for credit if the grade of “D” (1.00), “E” (0.00), or “W” or a mark of “X” is received. Undergraduate courses in which grades of “D” (1.00) or “E” (0.00) are received may be repeated only once. Credit is given only for the highest grade received. However, lower grades may affect student cumulative grade point averages.

After an undergraduate student repeats 100- and 200-level courses, the student’s transcript shows both grades, but the cumulative GPA reflects only the higher grade. After repeating 300- or 400-level courses, a student’s cumulative GPA and the transcript reflect both grades. The student’s earned hours will include only credit for *one* enrollment in a class.

After repeating a 100- or 200-level course and receiving a better grade, the student will have the grade of “D” (1.00) or “E” (0.00) deleted from the cumulative grade point average and total hours. To be eligible for the deletion of the grade of “D” (1.00) or “E” (0.00) from the GPA calculation, the course must be a 100- or 200-level course taken and repeated at ASU. Students who have graduated are not eligible to delete the grade for a course taken before the award of the West campus bachelor’s degree.

This policy does not apply to repeat enrollment in seminar and independent studies courses with different content each semester. The policy affects only undergraduate students and undergraduate courses.

Demonstration of mastery. An undergraduate student who receives a grade of “D” (1.00) in a course in which a grade of “C” (2.00) or better is required may use the grade from an equivalent course taken elsewhere to demonstrate mastery at the “C” (2.00) or higher level. However, the course may neither be transferred to ASU (since credit has already been given for the course) nor computed in the student’s GPA.

Grade reports

Midterm report. Instructors are required to evaluate students at midterm for academic progress. A student who has been evaluated for a graded “D” (1.00) or “E” (0.00) at mid-semester receives a midterm report. The midterm grades of “D” (1.00) or “E” (0.00) are not recorded on the student’s permanent record. Midterm reports are mailed to the student’s local address of record.

Final grade report. The university provides printed grade reports only for midterm deficiency notices. Final grades are available at the end of each semester or term at www.asu.edu/interactive or via the SunDial telephone system at (480) 350-1500. Select “View Your Grades” under the “Academic Record Information” heading and follow the instructions. When necessary, an official grade printout can be obtained in-person at Registration Services.

Dean’s list. Undergraduate students who earn 12 or more graded semester hours “A+” (4.33), “A” (4.00), “A-” (3.67), “B+” (3.33), “B” (3.00), “B-” (2.67), “C+” (2.33), “C” (2.00), “D” (1.00), or “E” (0.00) during a semester in residence at ASU with a GPA of 3.50 or better are eligible for the Dean’s List. A notation regarding Dean’s List achievement appears *only* on the final grade report for the semester.

Transcripts. Official transcripts may be requested on the web, in person, or by mail. The fee for official transcripts is \$10 per copy. “Rush” transcripts (requested to be printed and picked up the same day) will cost \$10 in addition to the total cost of the transcripts ordered. Special delivery requests will be fulfilled for an additional charge. No transcript is issued if a student has a delinquent account.

Official transcripts are released only upon the written request of the student. Access the web transcript request page from www.west.asu.edu/registrar under the Academic Records heading. In-person

requests require completion of a transcript request form and payment of transcript fees at the Cashier’s Office (University Center Building 101B). Mail requests may be made using a transcript request form or by signed letter which includes the following information:

- name
- former names (if applicable)
- ASU Identification Number (ID)
- Social Security Number (SSN)
- date of birth
- first and last dates of attendance
- current return address
- daytime telephone number
- specific mailing address for each transcript copy ordered
- specification of which of the following is to be displayed on the transcript:
 - ASU ID only
 - SSN only
 - Both ASU ID and SSN
 - Neither ASU ID or SSN

Students may view and print unofficial transcripts at www.asu.edu/interactive. Unofficial transcripts may also be requested in person at Registration Services, or by mail if a written request signed by the student is enclosed. There is no charge for unofficial transcripts.

All in-person transcript requests require presentation of photo identification. Requests are not accepted from third parties without written authorization from the student. For information on parental access to records, see “Access to Records,” [page 53](#).

Graduation with academic recognition.

Designations of graduation with academic recognition are indicated on the diploma and the ASU transcript. Graduation with academic recognition applies only to undergraduate degrees. For information on the criteria for determining graduation with academic recognition, see “Graduation Information” on [pages 81-83](#).

Withdrawal

Drop/add

Students registering for courses for a semester or summer session may drop or add courses through the first week of classes in a semester or the first two days of a summer session. Drop/add transactions may be processed online at ASU Interactive (www.asu.edu/interactive), in person at Registration Services, or via the SunDial telephone registration system at (480) 350-1500. See the current *Schedule of Classes* for dates of drop/add periods. During this period, a student may drop one or more (but not all) scheduled courses without penalty. Courses that are dropped do not appear on the student's transcript and fees paid are fully refunded, if appropriate. A student who wishes to withdraw from all courses during the drop/add period must process a complete withdrawal from the university.

Course withdrawal

During the first ten weeks of a semester or the first three weeks of a summer session, a student may withdraw at his or her own initiative from any course with a mark of "W."

Nonattendance of class

It is the student's responsibility to initiate a withdrawal if unable to attend a class. Failure to do so will result in a grade of "E" (0.00) being assigned for the class. Although students who do not attend class during the first week of the term may be administratively dropped from the class, such withdrawal is at the discretion of the instructor. In special circumstances, a medical withdrawal or academic record change may be authorized by the dean of an academic unit if the student petitions for the change and presents docu-

mentation of reasons for being unable to attend the class. It is the student's responsibility to petition for such change if appropriate.

Instructor-initiated withdrawal

Other than for failure to attend class during the first week of the term, an instructor may withdraw a student from a course with a mark of "W" or a grade of "E" (0.00) only in cases of disruptive classroom behavior. A student may appeal an instructor-initiated withdrawal to the standards committee of the college or school offering the course. The decision of the committee is final. Restricted withdrawal limits do not apply to withdrawals initiated by an instructor.

Withdrawal from the university

In order to withdraw from all classes after having paid registration fees, a student must initiate a complete withdrawal from the university online at ASU Interactive (www.asu.edu/interactive), by SunDial at (480) 350-1500, or in person at Registration Services. A student may withdraw from all courses with marks of "W" through the semester/session transaction deadline (i.e., the last day of instruction for the semester or session).

Medical/compassionate withdrawal

A medical/compassionate withdrawal request may be made in cases in which serious illness or injury (medical) or extreme personal circumstances (compassionate) prevents a student from continuing his or her classes, and incompletes or other arrangements with the instructor are not possible. Usually the consideration is for complete withdrawal. All applications for withdrawal require thorough and credible documentation. However, application for less than a complete withdrawal

must be especially well documented to justify the selective nature of the partial medical/compassionate withdrawal.

Medical withdrawal. When a student wishes to withdraw from one or more classes for personal medical reasons, that student may request a medical withdrawal. This policy covers both physical health and mental health difficulties. Approval of a medical withdrawal aids the student because, according to the policies of the Student Fee Payment Office, the student may be refunded a greater portion of tuition and/or fees paid for the semester than the published university refund schedule would normally allow.

Compassionate withdrawal. A request for compassionate withdrawal will be approved only in rare and extraordinary circumstances such as the unexpected special care needs of a seriously ill child, spouse, domestic partner, parent, or a death in the student's immediate family. A compassionate withdrawal will not be approved in circumstances caused by poor planning or poor choices on the part of the student. Approval of a compassionate withdrawal aids the student in the same way as a Medical Withdrawal.

Procedures. A student requesting a medical/compassionate withdrawal is referred to the dean's designee of the college of the major. A non-degree student is referred to the dean's designee of the college with which he or she is primarily affiliated. The dean's designee determines the appropriateness of the medical/compassionate withdrawal request and whether an administrative hold is indicated. If an administrative hold is issued, removal of

the hold must be authorized by the designee before the student can register for a future semester or be readmitted to the university.

Although the medical/compassionate withdrawal procedure may be used at any time during or after the close of the specified semester, the student is encouraged to submit the application as early as possible.

Even after the close of a semester, a student may request a medical/compassionate withdrawal for some or all classes, regardless of which college offered the course(s). Refunds are not given beyond six months past the close of the semester.

Only one Request for Documented Medical/Compassionate Withdrawal form needs to be filed, with the college of the major, even if classes in more than one college are involved. The form must clearly specify each class for which the student seeks withdrawal. Signatures from the instructor(s) and/or department chair(s) for each class are not required.

A medical/compassionate withdrawal will result in a special note line on the unofficial transcript.

Academic Standards and Retention

Class standing of students

Class	Hours Earned
Freshman	24 or fewer hours earned
Sophomore	25-55 hours earned
Junior	56-86 hours earned
Senior	87 or more hours earned
Graduate	bachelor's degree from accredited institution

Academic good standing

Academic good standing for degree-seeking students for the purpose of retention is defined as follows:

Total earned hours	Minimum cumulative GPA
24 or fewer	1.60
25-55	1.75
56 or more	2.00

A student who does not maintain the minimum GPA standard is placed on academic probation or is disqualified. A student on academic probation is in conditional good standing and is permitted to enroll. A student who has been disqualified is not in academic good standing and is not permitted to enroll for fall or spring semesters.

In order to transfer from one college or academic unit to another within the university or to be eligible for readmission, a student must have a GPA of 2.00 or better. The GPA determining good standing is computed on courses taken only at ASU.

For purposes of retention or transfer, an individual college or academic unit may set higher GPA standards; otherwise, the university standards prevail. See the "Academic Programs" section of this catalog for statements regarding program retention standards.

Satisfactory academic progress

The university is required to publish and enforce standards of satisfactory academic progress for certain students (e.g., student athletes, students receiving financial aid, and students receiving veterans benefits).

Certification of satisfactory progress for student athletes is verified by the academic advisor and the dean or dean's designee for certifying satisfactory progress. Certification of satisfactory progress for students receiving financial aid or veterans benefits is verified by Financial Aid Services or Veteran Services respectively. Students should contact their advisors or the appropriate office for additional information on satisfactory progress requirements.

Probation

A student's academic unit assumes responsibility for enforcing academic standards and may place any student on probation who has failed to maintain good standing as previously defined. For purposes of probation and retention, an academic unit may set higher GPA standards. A student on academic probation is required to observe any rules or limitations the academic unit may impose as a condition for retention.

Disqualification. A student who is placed on probation at the end of a semester is subject to disqualification by the academic unit at the end of the following semester if the conditions imposed for retention are not met.

Disqualification is exercised at the discretion of the academic unit and becomes effective on the first day of the semester following unit action. *A disqualified student is sent official notification by the university and is not allowed to register in a fall or spring semester at the university until reinstated.* A student who has

been disqualified may appeal to the appropriate standards committee. A student who is disqualified may not attend as a nondegree student.

Reinstatement. If a student with a GPA of 2.00 or greater has been disqualified by one academic unit and seeks to transfer to another academic unit at West campus, the student may apply directly to that academic unit if qualified to transfer.

To be reinstated into a West campus academic unit other than the disqualifying academic unit, the student must submit an application for reinstatement to Admission Services.

To be reinstated into the same academic unit from which the student was disqualified, the student must submit an application for reinstatement to the disqualifying academic unit. When reinstatement includes readmission, application must be made to Admission Services. See “Readmission” on [page 75](#).

Reinstatement Appeals. A student wishing to appeal the decision of the standards committee of an academic unit may submit an appeal to the Campus Standards Committee through Admission Services. The decision of the committee is final.

Academic integrity

The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of the individual academic unit. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism, or facilitating such activities. The university academic integrity policy is available from the Academic Programs and Graduate Studies Office. Unit academic integrity policies are available from the deans of the individual academic units.

Suspension or expulsion for academic dishonesty. All decisions relating to expulsion or suspension that are concerned with academic dishonesty are the sole prerogative of the dean of the unit to which the student has been admitted. These decisions of suspension or expulsion can be appealed in accordance with established university procedures. (See Student Academic Integrity Code adopted 1997.) Application for reinstatement may be made to any of the academic units within the university after the specified period of suspension. Merely having remained in a suspended status for a period of time does not, in itself, constitute a basis for reinstatement.

Student Grievances

Student academic complaints

If a student is dissatisfied with the instruction received in a class or with the interaction with the instructor of the class, the student may take the following actions in the order listed:

1. The student may discuss the complaint with the instructor of the class.
2. If the issue is not resolved at this level, the student may contact the department chair/director of the program area in which the course is offered.
3. If further discussion and/or appeal is needed, the student may contact the dean of the unit in which the course is offered.

Petition for variance from university-wide academic requirements

The Campus Standards Committee advises the vice president and provost for ASU's West campus regarding undergraduate student petitions that concern university-wide academic requirements. These requirements include but are not limited to requirements on the amount of transfer credit, undergraduate admissions decisions, graduation requirements, resident credit requirements, and general studies requirements. In order to petition for a variance of such university requirements, students should discuss the matter with an academic advisor and complete a petition form. The petition will be reviewed by the relevant unit-level administrator and committee before being forwarded to the Office of the Associate Vice Provost for Academic Programs and Graduate Studies.

Grade appeals

The professional responsibility for assigning grades is vested in the instructor of the course, and requires the careful application of professional judgment. However, the following grievance process allows deans to change a particular grade if evidence presented in the process warrants such a change.

It is university policy that students filing grievances and those who provide support for the student will be protected from retaliation. Students who feel that they are victims of retaliation should immediately contact the dean of the academic unit in which the course is offered.

The grade appeal process follows the steps described below. "Day" is defined as a normal business day, not including Saturday, Sunday, or any officially recognized university employee holiday or campus closure.

1. A student wishing to appeal a grade must first meet with the instructor who assigned the grade to try to resolve the dispute. The instructor must review the matter in good faith, explain how the original grading decision was made, and decide whether or not to change the grade in response to the student's appeal. The instructor must respond to the student's request for a meeting in writing, or via phone or by e-mail within 10 days.

If the grade dispute is not or cannot be resolved to the satisfaction of the student via this meeting, within 10 days after receiving the instructor's response the student may appeal to the program chair/director. (If the program chair/director is also the instructor and/or responsible for the disputed grade the student may appeal directly to the campus Academic Grade Appeals Committee.)

2. Within 10 days after receiving the appeal, the program chair/director will confer with the student and the instructor to try to work out a mutually acceptable resolution to the dispute. If the grading dispute is not resolved to the satisfaction of the student, within 10 days after receiving the program chair/director's response the student may appeal to the Academic Grade Appeals Committee. Appeals must be made in writing, with a separate document submitted for each grade being contested. Each appeal must provide the following information:
 - name of instructor
 - course section
 - semester taken
 - grade received
 - attempts made to resolve the situation
3. Both the student and the instructor will be invited to appear before the committee within 20 days after the committee receives the appeal. The committee shall operate under written procedures that satisfy due process requirements. The committee will consider all of the evidence bearing on the dispute, and then decide by majority vote whether or not the grade should be changed. The committee will then send its recommen-

dation to the dean of the academic unit where the course was offered.

4. Within 15 days of receiving the committee's recommendation, the dean will make the final decision in the case after full consideration of the recommendation and a review of pertinent materials. If the dean determines that a grade change is warranted, the grade change may be made either by the instructor or by the dean. The dean shall notify the student, instructor, program chair/director, and the Academic Grade Appeals Committee of the final outcome of the case.

For summer session or fall semester grade appeals the student must contact the course instructor within 60 days after the last day of instruction of the session or semester. To appeal a spring semester grade the student must contact the instructor within 60 days after the first day of instruction of the following fall semester.

For information regarding the campus Academic Grade Appeals Committee, call (602) 543-4567 or visit the Academic Programs and Graduate Studies Office in the Faculty and Administration Building S301.

Student Records

Location and custodian of records

The custodian of educational records at ASU's West campus is Registration Services. This office also maintains a directory that lists all student education records maintained by the university.

Family Educational Rights and Privacy Act of 1974 (FERPA)

This act, known as the Buckley Amendment, sets forth the requirements governing the protection of the privacy of the educational records of students who are or have been in attendance at ASU. Copies of the university policy pertaining to this act are available at Registration Services.

Definitions

Eligible student. For the purpose of this act, an *eligible student* is defined as any individual formally admitted to and enrolled at ASU or the parents of a *dependent* eligible student. Dependency is defined by Section 152 of the *Internal Revenue Code* of 1954.

Record. The term *record* includes any information or data recorded in any medium, including but not limited to handwriting, print, tapes, film, microfilm, microfiche, and electronic means.

Educational record. The term *educational record* refers to those records directly related to a student and maintained by an educational institution. Two types of educational records are subject to the provisions of this act: (1) directory information and (2) personally identifiable information.

Directory information. The term *directory information* includes the following student information: name, local, permanent, and e-mail addresses, local telephone number, date and place of birth, academic level, major field

of study, college of enrollment, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent educational agency or institution attended by the student.

Personally identifiable information. The term *personally identifiable information* includes the name of a student's parent or other family member(s), a personal identifier such as the student's Social Security number, a list of personal characteristics, or other information that would make the student's identity easily traceable and any information, including directory information, that the student has indicated will not be released.

Access to records

An eligible student or a parent of a dependent eligible student may inspect and review the student's educational records. Photo identification must be displayed before access to educational records is allowed.

Directory information may be released to anyone without consent of the student unless the student has indicated otherwise. Students may request that this information not be released by completing a form at Registration Services. A request to withhold this information excludes the student from being listed in the annual directory only if the request is submitted to Registration Services before the end of the third week of the fall semester.

All other educational records that contain personally identifiable information may not be released without the written consent of the student. A parent of a dependent student may challenge denial of such access by producing the most current copy of Internal Revenue Form 1040. If that form lists the student in question as a dependent, the par-

ent is required to sign an affidavit that affirms that the student is his or her dependent. The affidavit is retained by Registration Services. Upon receipt of the affidavit, the university makes student records available to the parent for the rest of that calendar year as specified under the Buckley Amendment.

Students may grant access to parents or agencies by completing a form at Registration Services.

Records hold

Registration Services enforces a financial records hold or administrative hold on student records when an outstanding financial obligation or disciplinary action has been reported.

When a hold is placed on a record, the following results may occur:

1. No official or unofficial transcript is issued.
2. Registration privileges are suspended.
3. Other student services may be revoked.

The hold remains effective until removed by the initiating office. It is the student's responsibility to clear the conditions causing the hold.

Change of address

It is the responsibility of the student to notify the university of change in address or telephone number while attending ASU. Address and telephone information may be updated online at www.asu.edu/interactive or in person at Registration Services.

Classification of Courses

Course information

Classes scheduled for the current or upcoming fall, spring, or summer sessions are listed in the *Schedule of Classes*, published in advance of each registration period. Course descriptions are found in the appropriate academic unit section of this catalog or online at: www.asu.edu/catalog.

Course numbering system

100-299 (lower division) courses. Lower division courses are designed primarily for freshmen and sophomores.

300-499 (upper division) courses. Upper division courses are designed primarily for juniors, seniors, and other advanced students. Prerequisites and other restrictions should be noted before registration. Courses at the 400 level apply to graduate degree require-

ments for individual programs of graduate study when approved by the Graduate Studies Office. See "Reserving Course Credit by Undergraduates" on [page 113](#).

500-799 (graduate-level) courses. Graduate-level courses are designed for graduate students. However, an upper division undergraduate student may enroll in these courses with the approval of his or her advisor, the course instructor, the program chair/director, and the dean of the academic unit in which the course is offered.

Omnibus courses

Omnibus numbers are used for courses offered on an experimental or tutorial basis or for courses in which the content is new or periodically changes. Academic units use their prefixes before omnibus course numbers. The general nature of the work required for a particular omnibus course is consistent from academic unit to academic unit, but subject matter varies. Omnibus courses are often offered for a variable number of semester hours.

Omnibus undergraduate courses

194, 294, 394, and 494 Special Topics (1-4)

Cover topics of immediate or special interest to a faculty member and students.

484 Internship (1-12)

Structured practical experience following a contract or plan, supervised by faculty and practitioners.

498 Pro-seminar (1-7)

Small-group study and research for advanced students within their majors. Major status in the program or approval of the instructor is required.

499 Individualized Instruction (1-3)

Provides an opportunity for original study or investigation in the major or field of specialization on an individual and more autonomous basis. Neither a substitute for a catalog course nor a means of taking a catalog course on an individual basis. Requires application well in advance of regular registration with the student's advisor, the advisor's signature, and approval by both the instructor with whom the student will work and the chair of the department offering the course. This course may be taken only by outstanding senior students who have completed at least one semester in residence and who have a cumulative GPA of 3.00 or higher in the major or field of specialization.

Honors courses. The courses listed as 298 and 492 (Honors Directed Study), 493 (Honors Thesis), and 497 (Honors Colloquium) and all courses with the HON prefix are reserved for students in the Barrett Honors College. These courses range in credit from one to six semester hours.

Omnibus graduate courses

500, 600 Research Methods (1-12)

Course on research methods in a specific discipline.

580, 680 Practicum (1-12)

Structured practical experience in a professional program, supervised by a practitioner and/or faculty member with whom the student works closely.

583, 683 Field Work (1-12)

Structured, supervised field experience in a field science or other discipline requiring experience in field techniques.

584, 684 Internship (1-12)

Structured practical experience following a contract or plan, supervised by faculty and practitioners.

590, 690 Reading and Conference (1-12)

Individualized instruction in which a student meets regularly with a faculty member to discuss assignments. Course may include such assignments as intensive reading in a specialized area, writing synthesis of literature on a specified topic, writing literature review of a topic.

591, 691 Seminar (1-12)

A small class emphasizing discussion, presentations by students, and written research papers.

592, 692 Research (1-12)

Individualized instruction in which a student, under supervision of a faculty member, conducts research that is expected to lead to a specific project such as a thesis, report, or publication. Assignments might include data collection, experimental work, data analysis, or preparation of a manuscript.

593, 693 Applied Project (1-12)

Preparation of a supervised applied project that is a graduation requirement in some professional major.

594 Conference and Workshop (1-12)

Topical instruction, usually in compressed format, leading to academic credit. Often offered to groups of professionals off campus.

595, 695 Continuing Registration (1)

Used in situations where registration is necessary but where credit is not needed. Replaces arbitrary enrollment in reading and conference, research, thesis, etc. Used by students when taking comprehensive examinations or defending thesis. Credit is not awarded, and no grade is assigned.

598 Special Topics (1-4)

Topical courses not offered in regular course rotation - e.g., new courses not in the catalog, courses by visiting faculty, courses on timely topics, highly specialized courses responding to unique student demand.

599 Thesis (1-12)

Supervised research focused on preparation of thesis including literature review, library research, data collection and analysis, and writing.

Course listings

See “Course Prefix Index,” [page 304](#), for the location of all West campus courses by prefix. See the “Key to Course Listings” for help in understanding listings.

Campus code. Campus codes are used for all courses offered at the Tempe campus (M), East campus (E), and West campus (W) in the *Schedule of Classes*, on transcripts, and enrollment documents. The campus code identifies the campus that maintains academic control over the course (i.e., course content, registration restrictions, general studies designations, and other curricular matters).

Semester offered. The semester offered shows when the academic unit plans to offer the course. Refer to the *Schedule of Classes* and the *Summer Sessions Bulletin* for the actual course offerings.

Prerequisites and corequisites. Some requirements, known as prerequisites, must be met *before* registering for a course. Other requirements, called corequisites, must be met *while* taking a course. A student registering for a course should be able to show that prerequisites have been met and that corequisites will be met as stated in the catalog or *Schedule of Classes* or must otherwise satisfy the instructor that equivalent preparation has been completed.

Key to course listings

<i>Code</i>	<i>Definition</i>
HIS	Interdisciplinary or discipline prefix designation
431	Course number
(3)	Three semester hours
L	Literacy and critical inquiry
MA	Mathematics core courses
CS	Computer/statistics/quantitative core courses
HU	Humanities and fine arts core courses
SB	Social and behavioral sciences core courses
SG	Natural sciences - general core courses
SQ	Natural sciences - quantitative core courses
C	Cultural diversity in the United States courses
G	Global awareness courses
H	Historical awareness courses
,	and
/	or

Sample course listing:

HIS 431 Social History of American Women (3)

fall

Examination of women’s social position in America. In-depth analysis of specific women’s issues in terms of change over time. Prerequisite: ENG 101 (or 105). General studies: L/SB, H.

- 58** *Advisement*
- 59** *Freshman Experience*
- 60** *Admission*
- 63** *Competency Requirements*
- 64** *Aptitude Requirements*
- 71** *Advanced Placement Credit*
- 72** *CLEP Credit*
- 74** *International Baccalaureate Diploma/
Certificate Credit*
- 77** *Degree Requirements*
- 81** *Graduation Information*
- 84** *General Studies Program*
- 89** *General Studies Courses*

Undergraduate Programs



Advisement

Prospective, undecided, undeclared, and nondegree students

Effective academic advising is an essential aspect of the educational experience at ASU's West campus. Prospective students should contact a general advisor as a first step in the admission process. Call (602) 543-9222 or visit the Campus Advising Center in University Center Building 201 to make an appointment. A general advisor will review admission requirements and processes and make referrals to academic advisors as appropriate.

For community college students, a convenient alternative is to meet with an outreach advisor at one of the Transfer Centers located on the following campuses of local community colleges:

Estrella Mountain Community College
(623) 935-8826

Glendale Community College
(623) 845-3096

Paradise Valley Community College
(602) 787-7060

Phoenix College
(602) 285-7110

South Mountain Community College
(602) 243-8153

Students admitted to academic programs

To assure timely and accurate advisement for their majors, each academic unit has advisors to assist students in developing programs of study and understanding rules, procedures, and curriculum requirements. Program advisors may be contacted at these telephone numbers or locations:

Applied Science Program
(602) 543-4BAS FAB N206

Barrett Honors College
(602) 543-4503 UCB 201

New College of Interdisciplinary
Arts & Sciences
(602) 543-6052 FAB N201I

College of Teacher Education
and Leadership
(602) 543-6354 FAB S210

College of Human Services
(602) 543-6600 FAB S105A

School of Global Management
and Leadership
(602) 543-6200 FAB N101

Prospective students will find a variety of information on the "GoWest" website:
www.west.asu.edu/gowest.

Freshman Experience

To ease the transition from high school to college, the Division of Collaborative Programs, located in University Center Building Room 201, offers several programs for freshman students including:

Freshman Orientation/Registration Program. The Freshman Experience Office provides information, advisement, and registration services for new freshman students.

Learning Communities (LC). Learning Communities are the cornerstone of the lower division program at West campus. LCs link two thematically-related courses with library, technology, and student support staff to provide a seamless environment that integrates themes, course content, and assignments. They are designed to foster a climate of academic excellence, interaction, and cooperation among students, faculty and staff.

University Academic Success (UNI). UNI Courses offered by the DCP complement traditional discipline specific courses with one semester hour classes geared toward providing information and skills to facilitate academic success.

UNI 101 Student Success Seminar (1)

fall, spring
Understanding human diversity, perspectives, and values as they relate to student success. Orientation to ASU resources, study skills, and academic and social issues for students. Seminar, discussion.

UNI 294 Student Development Workshop (1)

fall
Topics may include stress management, time management, financial planning, goal setting, cultural diversity, etc.

Peer 2 Peer Mentoring Program. The *Peer 2 Peer* Mentoring Program matches upper-division students with freshmen in learning

communities to help first-year students make a successful transition into college life. Peer mentors help make first-year students feel at home in the academic environment and enhance their college experience. The *Peer 2 Peer* program offers selected students volunteer positions as peer advisors in the First-Year Advising Center.

Freshman Early Warning System. The Freshman Early Warning System allows faculty to identify students in need of academic assistance early in the semester. Early intervention is crucial to a student's success. The student is referred to the Freshman Experience Office by a faculty member. The Freshman Early Warning System assists students in attaining needed academic resources on campus.

University-College Center (UCC). In partnership with Glendale Community College, the UCC offers freshman and sophomore level general education classes on the West campus. These community college classes offer students the benefits of lower tuition and the services of a university.

Summer Academy. The Summer Academy program was developed to address the needs of incoming freshman who may be underprepared for university success. The Academy focuses on enhancing student's English and math skills. Students are invited to the Academy based on their high school GPA or ACT/SAT scores. The Summer Academy assists students in the successful transition from high school to college.

For more information on any of these programs, visit www.west.asu.edu/dcp/dcp.htm or call (602) 543-4600.

Admission

Prospective students should consult www.west.asu.edu/gowest for information on admission requirements and processes. The fastest, most efficient way to apply for admission is online at www.west.asu.edu/gowest/apply.htm. Printable applications are available at the same site. These applications can be completed and submitted by mail to:

Admission Services
Arizona State University at the West campus
P.O. Box 37100
Phoenix, Arizona 85069-7100

They can also be submitted in person at Admission Services, University Center Building Room 120, or to a university representative.

The Arizona Board of Regents establishes undergraduate admission standards for the state universities. Particular colleges, schools, academic units, programs or departments may impose additional requirements. These are explained later in this catalog under the appropriate “Academic Programs” section.

Nondegree students. Nondegree students may take courses at ASU according to the special provisions of this catalog on [page 75](#) for undergraduate students and [page 107](#) for graduate students.

Degree-seeking students. Degree-seeking students must meet the university admissions standards set by the Arizona Board of Regents (ABOR). Any student admitted to ASU may take courses at any ASU campus. In order to be admitted to a West campus degree program, the student must meet ABOR admissions requirements and the specific admission requirements of the academic program.

Admission policies for new degree-seeking students

Anyone pursuing admission as a degree-seeking undergraduate student at ASU’s West campus must have the following items on file in Admission Services:

1. an Application for Admission (including Domicile Affidavit);
2. high school transcript, if needed; (see [page 61](#))
3. entrance exam scores, as needed (see [page 63](#) or [68](#)): American College Test (ACT), Scholastic Aptitude Test (SAT), or Test of English as a Foreign Language (TOEFL);
4. official transcript(s) from transfer institutions; and
5. non-refundable application fee (\$25 for Arizona residents; \$50 for nonresidents or applicants residing outside Arizona).

Applicants are urged to apply and have supplementary materials sent as early as possible prior to the start of the semester of desired enrollment. Applicants should allow four weeks after all required documents are received for an admission decision to be made. An additional admission or application process may be required for a specific degree program. See the specific degree program section for additional information.

Priority dates – fall semester admission

Applications for admission and application fees should arrive according to the priority date. Applications for admission are accepted after the date, but ASU cannot guarantee that these applications will be processed. International applications are not accepted after the priority date.

Freshman applicants. Applications must be received by December 1 for consideration for institutional scholarships. The priority date for submission of applications and application fees is February 1.

Transfer, readmission, and non-degree applicants. The priority date for submission of applications and application fees is June 1.

International applicants. International students must have all application materials on file with the university by May 1.

Priority dates – spring semester admission

All applicants except international. The priority date for submission of applications and application fees is December 1.

International applicants. International students must have all application materials on file by October 1.

Reapplication. Admitted students who do not register for a planned semester must submit new applications to enroll in a subsequent semester. All transcripts, test scores and other documents submitted in support of an admission application are destroyed one year after the semester for which the student applied if the student does not enroll.

Application material

Application. Prospective students must complete and sign the Application for Undergraduate Admission. Any misrepresentation or falsification on the admission application, including

failure to report any college or university attendance, is cause for cancellation of enrollment and any credits earned.

Domicile affidavit. Arizona residents are required to file a Domicile Affidavit as part of the admission application. Anyone who does not complete the Domicile Affidavit is automatically classified as an out-of-state resident for tuition purposes. Contact Admission Services for more information.

Transcripts. Transcripts must be requested by the applicant. Official transcripts from high school and from each institution of higher education the student has attended must be *mailed directly to Admission Services by the records office of the issuing institution*. Applicants 22 years of age or older with 24 or more semester hours of transferable college or university credit do not have to submit high school records. Transcripts sent or hand-carried by the applicants themselves or transmitted by facsimile (fax) machine will not be accepted. High school transcripts must show date of graduation. An English translation of all non-English transcripts is required.

Entrance examinations. All applicants with fewer than 24 transferable college credits, and applicants who have not completed first-semester composition must submit test scores from either the American College Test (ACT) or Scholastic Aptitude Test (SAT). A report of the test scores should be sent to the Undergraduate Admissions Office, ASU's Tempe campus, directly from the American College Testing Program, P.O. Box 168, Iowa City, Iowa 52240, or the College Board Admissions Testing Program, Box 592 R, Princeton, New Jersey 08540.

Immunization requirements. Every student is required to submit to Admission Services written proof of two MMR (measles, mumps, rubella) vaccinations or immunity to measles (rubeola) established through a blood test. Students are not permitted to register until the immunization requirement is fulfilled.

Adequate proof of immunization is:

1. Record of two MMR (measles, mumps, rubella) vaccinations, at least one of which was received after December 31, 1979; or
2. Record of blood test showing measles (rubeola) immunity.

Health standards. Admission may be denied or canceled for any applicant who has been shown by the university to have either an uncompensated psychiatric illness or a physical illness that can be hazardous to the safety of others.

Admission requirements

Graduation from secondary school. To be eligible for admission to the university, an applicant must have graduated from a recognized high school with satisfactory scholarship defined as meeting both the competency and aptitude requirements, or have taken and passed the GED with a 50 or higher, or have completed an Arizona General Education Curriculum (AGEC) or an associate's or higher degree. Applicants may be admitted unconditionally, admitted with conditions, deferred until additional course work is completed, or denied.

Competency requirements. New students are required to have completed a specific number of courses in the areas of American history, English, laboratory science, mathematics, social science, fine arts and foreign language. For a complete list of the requirements, refer to the "Competency Requirements" table, [page 63](#).

An admitted student who needs to meet competencies in one or more of these areas must satisfy the requirement within two years of the beginning of the student's first semester at ASU. Subject competencies in each area may be met by earning a grade of "D" (1.00) or higher at ASU in an appropriate course(s) as listed in the "Competency Courses" table, [page 64](#).

Competency requirements exemptions. Students who are exempt from these requirements include students who have completed an Arizona General Education Curriculum (AGEC) or an associate degree, students admitted by GED, and students who are 22 years of age or older by the first day of the semester of admission.

An applicant whose most recent education is outside the United States is also exempt from fulfilling the competency requirements.

Aptitude requirements. The "Aptitude Requirements" are listed on [page 64](#). All applicants must meet the aptitude requirements for freshmen or for college transfers.

Transfer applicants. To be considered a transfer applicant, a student must have earned a minimum of 24 college or university transferable semester credit hours.

Arizona transfer applicants. An Arizona applicant for transfer admission must have a cumulative GPA of 2.00 or higher on a 4.00 = "A" scale in all work undertaken at previous institutions of higher learning. Some academic units may have different GPA requirements to enroll in junior or senior level courses.

Nonresident transfer applicants. A non-Arizona applicant for transfer admission must have a cumulative GPA of 2.50 or higher on a 4.00 = "A" scale in all work undertaken at previous institutions of higher learning. Those applicants who have at least a 2.00 on a 4.00 = "A" scale and who believe that they have a strong academic record are encouraged to apply and are considered on a case-by-case basis.

Arizona General Education Curriculum Certification. The Arizona public community colleges and universities have agreed upon a common structure for a general education core. The Arizona General Education Curriculum (AGEC) is composed of 35 semester hours of

COMPETENCY REQUIREMENTS

High School Courses*		Test Scores		College Courses
English				
Four years high school: English composition/ literature-based	<i>or</i>	Minimum test score: ACT English - 21 or SAT I Verbal - 530	<i>or</i>	One transferable three-semester- hour college-level course in English composition
Mathematics				
Four years high school: One year Algebra I One year Geometry One year Algebra II One year advanced mathematics	<i>or</i>	Minimum test score: ACT Math - 24 or SAT I Math - 540	<i>or</i>	One transferable three-semester- hour course in mathematics for which Algebra II is a prerequisite
Laboratory Science				
Three years high school, one each from three of the following: biology chemistry earth science physics integrated sciences An advanced-level course may be substituted for one subject area	<i>or</i>	Two years high school lab science (biology, chemistry, earth science, physics) plus minimum SAT II: subject test score on one of the following: Biology Achievement - 590 Chemistry Achievement - 600 Physics Achievement - 620 ACT Science Reasoning - 20 The test score may not be from any subject from which high school credit was earned.	<i>or</i>	Three transferable four-semester- hour college-level lab science courses in different subject areas
Social Science Complete both A and B.				
A One year high school American history	<i>or</i>	Minimum SAT II: subject test score on American History and Social Studies Achievement - 560	<i>or</i>	One transferable three-semester- hour college-level American history course
B One year high school social science (e.g., anthropology, European history, geography, government, world history)	<i>or</i>	Minimum SAT II: subject score on World History Achievement - 580	<i>or</i>	One transferable three-semester- hour college-level social science course
Foreign Language				
Two years of the same foreign language	<i>or</i>	Not Applicable	<i>or</i>	Two transferable three- or four-semester- hour college-level courses in the same foreign language
Fine Arts				
One unit of fine arts or a combination of two semesters of fine arts	<i>or</i>	Not Applicable	<i>or</i>	One transferable three-semester hour college-level fine arts course

*All high school courses must be completed with a minimum 2.00 GPA.

APTITUDE REQUIREMENTS

First Year ¹	Class Rank	Composite Score			High School GPA (4.00=A)		
		ACT	SAT				
Arizona residents	top quarter	<i>or</i>	22	<i>or</i>	1040	<i>or</i>	3.00 + Competency GPA ²
Nonresidents	top quarter	<i>or</i>	24	<i>or</i>	1110	<i>or</i>	3.00 + Competency GPA ²
Transfer²	Transferable Semester Hours		Transfer GPA (4.00 = A)				
Arizona residents	24 or more hours		2.00 college GPA plus academic competency requirements.				
Nonresidents	24 or more hours		2.50 college GPA plus academic competency requirements.				

¹All First Year students who carry a GPA from 2.50 to 2.99 or who rank in the top 26-50% of the graduating high school class and have no more than one deficiency in any two subjects in the coursework requirements may be admitted with conditions.

²A GPA calculated on courses that are used to fulfill competency requirements.

³All Transfer students with less than 24 transferable hours must meet the aptitude requirements for First Year students.

⁴All First Year and Transfer students with a combination Math/Science deficiency are not admissible.

COMPETENCY COURSES

Area	ASU Courses That May Be Used to Meet Competencies ¹
American history	Any one course: HIS 103, 104
English	Any one course: ENG 101, 105; WAC 101
Fine arts	Any one course: ARS 101; IAP 101, 300, 302, 331; MUS 354, 355; THE 100, 320, 321, 400
Foreign language	Student must complete through the 102 or 107 course level of any foreign language course.
Laboratory science²	
Chemistry	Any one course: CHM 101, 107, 113, 114, 117
Earth sciences	Any numbered selection: 1. GLG 101 and 103 2. GLG 110 and 111 3. GLG 105 4. GPH 111
Life sciences	Any one course: BIO 100, 120, 187, 188, 201; PLB 108
Physics	Any numbered selection: 1. AST 111 and 113 2. AST 112 and 114 3. PHS 110 4. PHY 101 5. PHY 111 and 113 6. PHY 112 and 114
Mathematics	Any one course: MAT 117, 119, 142, 170, 210, 260, 270, 290
Social science	Any one course: ASB 102; ECN 111, 112; GCU 102, 121, 141; HIS 100, 101, 102; PGS 101; POL 101, 110, 150, 160; SOC 101

¹See the ASU General Catalog or the online course catalog (www.asu.edu/aad/catalogs/courses/) for courses not listed in this catalog.

²Courses used to meet the laboratory science requirement of the equivalent of three courses must include at least two of the four indicated laboratory science areas.

First-Year Composition and lower-division general education course work that is transferable to any other state institution. The community college is responsible for certifying completion of the AGEC on the official institutional transcript.

Completion of any AGEC guarantees admission to an Arizona public university provided that all courses are completed with a grade of “C” (2.00) or better. Completion of the AGEC will fulfill lower division general education requirements at all Arizona public community colleges and universities. AGEC completion, however, does not guarantee admission to any specific university program. Majors in the professional fields (e.g., business, education, social work) and sciences have significant prerequisites and/or program requirements that must be completed before a student may be admitted to upper-division course work.

For more information on the AGEC and admission process, please contact Admission Services at (602) 543-WEST.

Associate degree exemption. Students who complete an associate or higher degree from a regionally accredited postsecondary institution with a minimum 2.00 on a 4.00 = “A” scale for Arizona residents and a minimum 2.50 on a 4.00 = “A” scale for nonresidents, shall be considered to be exempt from university admission requirements including aptitude requirements and competency requirements (*Arizona Board of Regents’ Policy 2-102, D3*). “Regionally accredited postsecondary institutions” are those which are accredited by one of the six regional associations recognized by the U.S. Secretary of Education.

Exemption clarification.

1. Completion of an associate degree or higher as described in this statement exempts a student from university admission requirements only; such completion does not

guarantee that a student will be admitted to a specific degree program.

2. Only completion of an Arizona Associate of Arts, or an Arizona Associate of Business, or an Arizona Associate of Science degree guarantees block transfer to fulfill all lower division undergraduate General Studies requirements and specific lower division major requirements. Block transfer is not guaranteed for an Associate of Applied Science Degree (except for applicants accepted into the West campus Bachelor of Applied Science program), or any other associate degree, or any other combination of community college course work; nor does the completion of these other associate degrees, or other combinations of community college course work, guarantee that all units will transfer or be applicable to a degree program.

Appeal of admission decisions

An applicant who does not meet these specific admission requirements or who wishes to appeal an admission decision may file a letter of appeal to the Campus Undergraduate Admissions Board. The decision of the board is final.

Appealing competency dismissals

A student who has not met all competencies at the end of two calendar years after the student’s initial date of enrollment is not permitted to continue at ASU. Each student is notified that he or she may not register or, if already registered, that the registration has been canceled.

A student wishing to appeal the dismissal should submit a petition through his or her college. The colleges have three options in reviewing these appeals:

1. extending the student’s end semester to allow one additional semester to complete the required course work;

2. allowing the student to substitute a course not currently approved to fulfill a competency area when an error has been made in advising or for other just causes; or
3. denying the petition.

College actions are forwarded to Admission Services for processing.

Change of major from one ASU campus to another

Currently enrolled degree-seeking students at another ASU campus who want to relocate to a West campus degree program should contact an academic advisor at the West campus for the appropriate procedures. Acceptance to a West campus degree program requires the student to meet the prerequisites for entry to the student's choice of major as stated in the appropriate catalog. Students should be aware that certain requirements (e.g., the minimum number of upper-division semester hours to graduate) differ between ASU's campuses.

Application of course credit. All courses completed on any ASU campus may fulfill the 120 semester hour requirement for graduation with a baccalaureate degree. Every candidate for the baccalaureate degree is required to earn a minimum of 30 semester hours in resident credit courses at the ASU campus from which the student will graduate. Some degree programs have specific requirements that must be completed in the department of the major or through another department at the resident campus. The application of courses to the degree program is determined by the appropriate faculty or academic advisor of the student's major. Because of these constraints, students should seek advice from the appropriate academic advisor for their major before registering for classes at another ASU campus.

Transfer credit

Credit is awarded for traditional course work successfully completed at institutions of higher learning as indicated by ASU and the Arizona Board of Regents. *Whether the specific credits can be applied toward a degree program depends on the requirements of the program, academic unit, or campus in which the student is enrolled.* There are several qualifications:

1. Transfer credit is not given for courses in which the lowest passing grade, normally a grade of "D" (1.00), or a failing grade was received.
2. While courses successfully completed but evaluated on nontraditional grading systems (e.g., pass/fail) are usually acceptable for transfer, some academic programs may not accept such credits to fulfill graduation requirements.
3. Grades and honor points earned at other colleges and universities are considered for admission but are not included in computing the student's cumulative GPA at ASU.

Certain types of credits cannot be transferred to ASU:

1. credits awarded by postsecondary institutions in the United States that lack candidate status or accreditation by a regional accrediting association;
2. credits awarded by postsecondary institutions for life experience;
3. credits awarded by postsecondary institutions for courses taken at noncollegiate institutions (e.g., governmental agencies, corporations, industrial firms);
4. credits awarded by postsecondary institutions for noncredit courses, workshops, and seminars offered by other postsecondary institutions as part of continuing education programs;

5. credit for curriculum or courses that are considered remedial or noncollegiate level; and
6. credit for curriculum that is considered vocational in nature.

Acceptable academic credits earned at other institutions that are based on a different unit of credit than the one prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU.

Veterans exception. By Arizona statute, no failing grades received by a veteran at an Arizona university or community college before military service may be considered when determining eligibility for admission. This exception applies to veterans who:

1. are honorably discharged;
2. have served in the armed forces of the United States for a minimum of two years; and
3. have previously enrolled at a university or community college in Arizona.

Military services records must be submitted, including form DD 214.

Community colleges. A maximum of 64 semester hours are applicable toward a degree as lower division credit when transferred from community, junior, or two-year colleges. Community college students who plan to transfer to ASU are advised to plan, in conjunction with both community college and ASU advisors, their community college studies to meet the requirements of the program they select. Questions about the transferability of courses should be addressed to an academic advisor.

Arizona community colleges. To determine the equivalency of courses offered at Arizona community colleges and those offered at ASU, students should refer to the *Arizona Course Applicability System-Course Equivalency Guide* function at az.transfer.org/cas in con-

sultation with their advisor. Provided college attendance has been continuous, students are permitted to follow the degree requirements specified in the appropriate ASU catalog in effect at the time they began community college work. See “Guidelines for determination of catalog year” on [pages 78-79](#).

Appeal procedures for transfer credits. Transfer students who feel they have been unjustly denied credit for courses they have taken may appeal to the appropriate standards committee. This does not apply to the transfer of community college credit in excess of the 64-hour maximum. The decision of the committee is final.

An applicant for transfer admission whose academic record fails to meet ASU scholastic admission standards will be denied admission. Such an applicant, however, may appeal that decision. Contact Admission Services for information on this procedure.

Admission before receipt of final transcript from transfer institution

Students enrolled in high school or other colleges and universities are considered for admission on the basis of meeting all admission requirements, except for the final transcript of work in progress. A student applying for admission to a West campus degree program must have this final transcript sent to Admission Services (see [page 61](#)). Final transcripts should be sent directly from the issuing institution immediately after the work in progress has been completed and grades have been posted. Hand-carried transcripts are not accepted. *Admission is confirmed only after the university has received a final transcript showing that the applicant has met the university admission requirements.* In the event the applicant does not qualify or has falsified application documents, admission and registration are canceled, and any registration fees paid are returned.

International student admission

For information about services available to international students at the West campus, call International Student Services Program at (602) 543-8201, or visit University Center Building 220, or www.west.asu.edu/international.

Admission requirements.

- English proficiency (see #3 below)
- Freshmen must have a minimum grade point average (GPA) of 3.00 where 4.00 = “A” from secondary school coursework.
- Must meet competency requirements if he or she attended four years of high school in the U.S.
- Transfers must have a minimum 2.50 GPA where 4.00 = “A” from college or university coursework.

Students must provide all of the following documents before they may be considered for admission. ASU does not accept faxed copies of official documents.

1. Application for undergraduate admission

- A completed and signed application (incomplete, unsigned applications cannot be processed).
- A \$50 (U.S. dollars) non-refundable application fee in the form of a check or money order drawn on a U.S. Banking Affiliate and made payable to Arizona State University. Do not send cash or international postal money orders. Application fees cannot be waived or transferred to a future application.

2. Certified copies of official documents from each secondary school, college, university, and/or technical school attended

- A certified English translation for all documents not written in English.
- Records must include courses completed, grades or marks earned, and certificates or degrees awarded.

3. English language proficiency requirement

Applicants whose native language is not English must provide proof of English language proficiency to be admitted to ASU. (You may have either TOEFL or the IELTS scores submitted to ASU to fulfill this requirement.)

The official TOEFL (Test of English as a Foreign Language) score report can be sent directly to ASU from the Educational Testing Service, Box 6151, Princeton, NJ 08541-6151, USA, showing a minimum score of 500 (paper-based) or 173 (computer-based) and 550 (paper-based) or 213 (computer-based) for the professional program in the College of Nursing. ASU’s TOEFL institutional code is 4007.

Or you may take the IELTS (International English Language Testing System). The minimum requirement for the IELTS is an overall band of 6.0 with no band below 5.5. For information about this test and registration procedures, contact the IELTS Office, University of Cambridge Local Examination Syndicate, 1 Hills Road, Cambridge/CB1 2EU, UK or visit www.ielts.org.

Exceptions to the TOEFL/IELTS requirement:

- Applicants who have completed their junior and senior year in a U.S. high school with a SAT Verbal score of 550 or ACT English score of 23 for pre-professional programs and SAT Verbal 580 or ACT English 23.
- Applicants who have completed four years of high school in the U.S. may be admitted without a TOEFL or IELTS score, but are subject to competency and aptitude requirements.
- Applicants who have completed a minimum of 48 transferable semester credits including six credits of freshman composition at a U.S. college or

- university with a cumulative GPA of 2.50 or higher for admission.
- Applicants holding a bachelor's degree from a regionally accredited U.S. college or university are exempt from the TOEFL/IELTS requirement.
- 4. Financial guarantee**
- In compliance with immigration regulations, all international applicants on the F-1 (student) visa must provide evidence of sufficient funds available for their studies.
 - The Financial Guarantee, dated within the past six months, must be co-signed by an authorized bank or representative of a recognized sponsoring agency in the U.S.
 - An Affidavit of Support cannot be used in lieu of a bank statement.

Deadlines. The application for admission and all required documents must be received at Admission Services (see page 61) by:

Fall semester	May 1
Spring semester	October 1

Immigration, visas, and procedures.

- The SEVIS I-20 (Certificate of Eligibility for Non-Immigrant Student Status), essential for securing an F-1 student visa, will be forwarded to students admitted to ASU.
- Beginning September 1, 2004, all international students and exchange visitors entering the U.S. will be subject to a \$100 SEVIS fee and required to obtain a receipt before going to the U.S. embassy or consulate for their visa interview or for admission at a U.S. port of entry.
- To apply for a student visa, students need to present their SEVIS I-20, SEVIS fee receipt, and letter of admission at the nearest U.S. Embassy.

- Immigration regulations do not allow students to arrive in the U.S. earlier than 30 days prior to the start of classes. When arriving in the U.S., students need to present their SEVIS I-20 and letter of admission to the U.S. customs/immigration officials at the airport.
- Transfer students already in the U.S. must inform their current foreign school advisor of their transfer plan and have that official complete a SEVIS transfer form.
- SEVIS I-20 should be kept in a secure place.
- Students should arrive at the university no later than one week before classes begin according to the information on the SEVIS I-20. ASU cannot authorize students to arrive later or change the information on their SEVIS I-20.
- Students must enroll for a minimum of 12 semester hours each semester.
- Eligibility of admission to ASU cannot be determined until all credentials are evaluated. See Admission Requirements for list of required documents.
- All international students must report to the designated school officer upon arrival on campus.

Credit from a foreign institution. Transfer credits or advanced standing is granted for academic course work completed at foreign tertiary institutions that are either recognized by the home government/Ministry of Education as a degree-awarding institution or attached to a regionally accredited U.S. college or university as a Study Abroad Program. No credit is awarded for English composition courses completed at foreign institutions (credit may be awarded at the discretion of ASU when the credit was completed in a country whose native language is English).

Nondegree international applicants. Students with F-1 visas may be permitted to take a maximum of six semester hours at ASU as a nondegree student while maintaining full-time status at other higher education institutions or in the American English and Culture Program (AECPP) at ASU. Approval by the responsible office at the other institution and/or AECPP is required to ensure that the student maintains full-time status in compliance with applicable U.S. laws and regulations.

General information.

- **Scholarships and loans** are not funded for incoming international students.
- **Catalogs and schedules** are not mailed. If students need to see a catalog before they arrive, they may consult the nearest Office of the United States Information Services.

To see a *Schedule of Classes*, visit:

www.asu.edu/schedule

- **Measles immunization:** Students born after December 31, 1956, must complete and submit the measles immunization verification form received with the letter of admission before registering for classes.
- **Student health insurance:** All F-1 or J-1 visa students must have insurance coverage against illness and accident before being permitted to register and the cost of insurance is automatically added to their registration billing. Insurance must be maintained throughout the student's enrollment in the university and may be obtained at the time of registration. *No privately acquired insurance is accepted in place of the ASU insurance.* However, students who have health insurance coverage through their government or sponsoring agency may qualify for an insurance waiver if that coverage has been preapproved by the university. For information on waivers contact Student Health at (480) 965-2411 or visit www.asu.edu/health.

Admission of applicants with disabilities

There is no separate admission process for persons with disabilities. Those who meet academic qualifications are encouraged to apply for admission to ASU through the general admission process. Eligibility for disability services is based on enrollment, appropriate documentation of a disability, and substantiated need for academic accommodations.

To ensure a smooth transition into the university community, all prospective students with disabilities are encouraged to make pre-admission inquiries to Disability Resource Center, ASU's West campus, P.O. Box 37100, Phoenix, Arizona 85069-7100 or by calling (602) 543-8145. The TDD (Telecommunication Device for the Deaf) number for DRC is (602) 543-4327 (543-HEAR).

Special programs for credit

Students can earn a maximum of 60 college credit hours toward the baccalaureate degree by participating in special programs, i.e., the Advanced Placement program at the secondary level (AP), the College-Level Examination Program (CLEP), the DSST Subject Standardized Test, the International Baccalaureate Diploma/Certificate (IB), and comprehensive examinations. Only credit earned by comprehensive examination counts toward the resident credit requirements for graduation. Contact an academic advisor regarding special programs for credit.

A student who has received ASU credit for a course from Special Programs credit may not duplicate the credit by enrolling in the same class for credit at ASU or transferring it to another institution.

Advanced placement. Students who have completed advanced placement (AP) courses in secondary schools and have taken the advanced placement examinations given by the College Entrance Examination Board

ADVANCED PLACEMENT CREDIT

Examinations	Score	Semester Hours	Equivalency ¹
Art—History	5 or 4	6	ARS 101, 102
	3	3	ARS 101 or 102
Art—Studio—Drawing	5	6	ART 111, 112
	4	3	ART 111
Art—Studio—2-D	5	6	ART 112, 194 ST: 2-D Design
	4	3	ART 111
Art—Studio—3-D	5	6	ART 115, 194 ST: 3-D Design
	4	3	ART 115
Biology	5 or 4	8	BIO 187, 188
	3	4	BIO 100
Chemistry	5 or 4	9	CHM 113, 115
	3	4	CHM 113
Computer Science A	5 or 4	3	CSE 100
Computer Science AB	5 or 4	6	CSE 100, 200
Economics—Introductory Macroeconomics	5 or 4	3	ECN 111
Economics—Introductory Microeconomics	5 or 4	3	ECN 112
English—Language and Composition	5 or 4	6	ENG 101, 114
English—Literature and Composition	5 or 4	6	ENG 101, 204
Environmental Science	5 or 4	3	PLB 322
French—Language	5	14	FRE 201, 202, 311, 312
	4	11	FRE 201, 202, 311
	3	8	FRE 201, 202
French—Literature	5	18	FRE 111, 201, 202, 321, 322
	4	12	FRE 111, 201, 202
	3	8	FRE 201, 202
Geography—Human	5, 4 or 3	3	GCU 102
German—Language	5	14	GER 201, 202, 311, 312
	4	11	GER 201, 202, 311
	3	8	GER 201, 202
History—American or European	5 or 4	6	HIS 103 and 104 <i>or</i> HIS 101 and 102
History—World	5 or 4	3	HST 101
Latin—Language	5	16	LAT 101, 102, 201, 202
	4	12	LAT 101, 102, 201
	3	8	LAT 101, 102
Mathematics—Calculus AB	5, 4, or 3	4	MAT 270
Mathematics—Calculus BC	5 or 4	8	MAT 270, 271
	3	4	MAT 270
Music	5 or 4	3	MTC 125
Physics B	5	8	PHY 111, 112, 113, 114
Physics C—Electricity and Magnetism	5 or 4	3	PHY 112
Physics C—Mechanics	5 or 4	3	PHY 111
Political Science— American Government and Politics	5 or 4	3	POL 110
	5 or 4	3	POL 150
Psychology	5 or 4	3	PGS 101
Spanish—Language	5	14	SPA 201, 202, 311, 312
	4	11	SPA 201, 202, 311
	3	8	SPA 201, 202
Spanish—Literature	5	15	SPA 111, 201, 202, 325
	4	12	SPA 111, 201, 202
	3	8	SPA 201, 202
Statistics	5, 4, or 3	3	STP 226

¹Courses not listed in this catalog. See the ASU General Catalog or the online course catalog (www.asu.edu/aad/catalogs/courses/).

CLEP CREDIT

Examinations	Semester Hours	Equivalency*
American Government	3	POL 110
American History		
Early Colonization to 1877	3	HIS 103
1865 to the Present	3	HIS 104
American Literature	6	ENG 241, 242
Analysis and Interpretation of Literature	3	Elective credit
Calculus with Elementary Functions	4	MAT 270
College Algebra	3	MAT 117
College Algebra and Trigonometry	3	MAT 170
College French	4	FRE 101 (Students must score 50 - 54)
	8	FRE 101, 102 (Students must score 55 - 61)
	12	FRE 101, 102, 201
		(Students must score 62 - 65)
	16	FRE 101, 102, 201, 202
		(Students must score 66 or higher)
College German	4	GER 101 (Students must score 39 - 45)
	8	GER 101, 102 (Students must score 46 - 50)
	12	GER 101, 102, 201
		(Students must score 51 - 59)
	16	GER 101, 102, 201, 202
		(Students must score 60 or higher)
College Mathematics	3	MAT 142
College Spanish	4	SPA 101 (Students must score 50 - 54)
	8	SPA 101, 102 (Students must score 55 - 65)
	12	SPA 101, 102, 201
		(Students must score 66 - 67)
	16	SPA 101, 102, 201, 202
		(Students must score 68 or higher)
English Composition	0	With essay qualifies for ENG 105
English Literature	3	Elective credit
Freshman College Composition	0	No credit, not used for placement purposes
General Biology	8	BIO 187, 188
General Chemistry	9	CHM 113, 115
Human Growth and Development	0	No credit
Information Systems and		
Computer Applications	3	Elective credit
Introduction to Educational Psychology	0	No credit
Introductory Business Law	3	Elective credit
Introductory Psychology	3	PGS 101
Introductory Sociology	3	SOC 101
Mathematics	3	MAT 106
Natural Sciences	8	Elective credit
Principles of Accounting	6	Elective credit
Principles of Macroeconomics	3	ECN 111
Principles of Management	0	No credit
Principles of Marketing	0	No credit
Principles of Microeconomics	3	ECN 112
Social Sciences and History	6	Elective credit
Trigonometry	0	No credit
Western Civilization		
Ancient Near East to 1648	6	HIS 100, 101
1648 to the Present	3	HIS 102

*Courses not listed in this catalog. See the ASU General Catalog or the online course catalog (www.asu.edu/aad/catalogs/courses/).

(CEEB) may receive university credit toward degree requirements. No credit is given for any examination with a score of 2 or 1. There is no limit to the number of AP credits that can be used to meet the General Studies requirement, including the requirements in natural sciences (SQ and SG), and literacy and critical inquiry (L).

When the scores are received by the university directly from the CEEB, credit is awarded as shown in the “Advanced Placement Credit” table, [page 71](#).

College-level examination program (CLEP).

Students who have taken a College-Level Examination of the College Entrance Examination Board (CEEB) at the West campus or another testing site may receive university credit. CLEP examination credit is *not* given when it duplicates credit previously earned by the student at the university or is accepted by the university for work done elsewhere.

CLEP credits are generally used to fulfill the University General Studies requirements. CLEP credits, however, cannot be used to satisfy the requirements in natural sciences (SG and SQ) and literacy and critical inquiry (L).

Subject Examinations. To obtain credit or placement, students must receive a standard score of 50 (Computer Based Training [CBT] scale) or higher for the subject examinations (except French, German, or Spanish). To obtain credit for English Composition with Essay, a student must receive a standard score of 610 (1978 scale), 500 (1986 scale), or 50 (CBT scale).

Equivalency is subject to future review and possible catalog change.

Credit is awarded according to the “CLEP Credit” table on [page 72](#). For further information regarding CLEP, contact Testing Services at (602) 543-8136.

DSST (DANTES [Defense Activity for Nontraditional Education Support] Subject Standardized Test).

Students who have taken a DSST may receive university credit. Credit will be awarded for score results at or above the American Council on Education’s (ACE) recommended score if the subject examination is applicable to a program of study at ASU or may be assigned elective credit. To receive credit, a transcript showing the DSST results must be received by ASU directly from the Educational Testing Service. Testing Services at the West campus administers DANTES Subject Standardized Tests.

Comprehensive examinations. A comprehensive examination is intended to permit a student to establish academic credit in a field in which the student has gained experience or competence equivalent to an established university course. Applications are given only for courses listed in the current catalog and only for courses in which a comprehensive examination can serve as a satisfactory measure of accomplishment.

A number of restrictions apply. The student must be enrolled at ASU with *no more than 100 semester hours of credit* earned. The examinations must be taken during the first two semesters in residence in a degree program at the university. *No more than 60 semester hours of credit may be established* by comprehensive examinations (including AP, DSST, IB, and CLEP credit) and independent learning courses.

The decision on the suitability of course material for a comprehensive examination, the development of a comprehensive examination, and the administration of an examination are strictly departmental functions. An application is for one course only. The student completes an application form with the number, title, and number of semester hours for the course. When completed, the application must be approved by the student’s advisor and the chair/director

of the program area responsible for offering the course.

The student must then pay the stated fee for such examinations at the Cashier's Office. The receipt must be taken to the program office.

The examination is prepared by the instructor who normally conducts the course, and it is comprehensive in nature and scope. The instructor and other experts designated by the chair grade the examination, using letter grades "A+," "A," "A-," "B+," "B," "B-," "C+," "C," "D," or "E." If the grade is "C" (2.00) or better, a mark of "Y" is entered on the student's permanent record; otherwise, no entry is made. Credit by examination is indicated as such on the record. The student is notified by mail of the result of the examination. In cases of failure ("D" (1.00) or "E" (0.00)), the student is *not* given an opportunity to repeat the examination.

A student pursuing a second baccalaureate degree may not receive credit by comprehensive examination, but, with prior approval of the college, the student may use the examination to waive a course requirement if a grade of "C" (2.00) or better is earned.

Proficiency examinations. Proficiency examinations and auditions are given

1. to waive a course requirement;
2. to validate certain transfer credits in professional programs; and
3. to determine a student's ability in a field where competence is an important consideration.

Detailed information may be obtained from the office of the academic unit in which the student is registered.

International Baccalaureate Diploma/Certificate.

Students who present an International Baccalaureate Diploma/Certificate may qualify for university credit, depending on

INTERNATIONAL BACCALAUREATE DIPLOMA/CERTIFICATE CREDIT

Examination	Score	Semester Hours	Equivalency ²
Art/Design	7, 6, or 5	6	ART 111, 112
	4	3	ART 112
Biology	7, 6, or 5	8	BIO 187, 188
	4	4	BIO 187
Chemistry	7, 6, or 5	9	CHM 113, 115
	4	4	CHM 113
Computer Science	7, 6, 5, or 4	3	CSE 100
Economics	7, 6, or 5	6	ECN 111, 112
	4	3	ECN 111
English A	7, 6, or 5	6	ENG 101, 114
	4	3	ENG 114
English B	No credit	0	None
Foreign Language A or B ¹	7, 6, or 5	8	Foreign language 101, 102
	4	4	Foreign language 101
Geography	7, 6, 5, or 4	3	GCU 102
History—American	7, 6, or 5	6	HIS 103, 104
	4	3	HIS 103
History—East and Southeast and Oceanic	7, 6, or 5	6	HST 107, 240
	4	3	HST 107
History—European	7, 6, or 5	6	HIS 101, 102
	4	3	HIS 101
Mathematics	7, 6, 5, or 4	4	MAT 270
Music	7, 6, 5, or 4	3	MTC 125
Physics	7, 6, or 5	8	PHY 111, 112, 113, 114
	4	4	PHY 111, 113
Social and Cultural Anthropology	7, 6, 5, or 4	3	ASB 102
Theatre - Introduction	7, 6, 5, or 4	3	THE 100

¹No credit is awarded if the language is the student's native language.

²See the ASU General Catalog or the online course catalog (www.asu.edu/uad/catalogs/courses) for courses not listed in this catalog.

the level of the examination and the grade received. Arizona State University grants credit for higher-level courses only. A grade of 5 qualifies the student to receive credit for up to two introductory courses while a grade of 4 qualifies a student to receive credit for one introductory course. No credit is awarded for English as a Second Language (English B). Credit is awarded according to the “International Baccalaureate Diploma/Certificate Credit” table, on [page 74](#).

Admission policies for nondegree undergraduate applicants

Any high school graduate may enroll for eight or fewer credit hours of undergraduate course work per semester as a nondegree student. Students currently enrolled in high school and persons under the age of 18 may be admitted as nondegree students by submitting official ACT or SAT scores that meet the general aptitude requirements of the university. If the student is currently a junior in high school or below, a letter from the high school giving the student permission and a permission letter from the instructor teaching the class must also be submitted.

To apply for admission as a nondegree undergraduate student at the West campus, the following must be submitted to Admission Services (see [page 61](#)):

1. Application for Nondegree Admission (including Domicile Affidavit); and
2. a \$50 non-refundable application fee (for applicants applying as nonresidents or who reside outside Arizona).

Students admitted as nondegree for a specific year and term must remain nondegree until the next semester. No more than 15 hours of completed nondegree work may be applied to a degree program. Nondegree students who decide to work toward a bachelor's degree must apply for admission to a degree program and meet all the admission requirements.

Once registered in a regular degree program, a student may not register again as a nondegree undergraduate student. Nondegree students are not eligible to receive most types of financial aid, nor are they eligible to receive certain benefits such as veteran's benefits.

Readmission

Undergraduate students who have previously attended any ASU campus but have not been enrolled for one semester or more are required to apply for readmission specifying the semester for which registration is planned. Readmission applications for ASU's West campus degree programs are available at Admission Services (www.west.asu.edu/admissions). Completed applications can be returned in person to Admission Services or mailed to the address on the application.

To be considered for readmission, applicants must:

1. have a minimum ASU GPA of 2.00;
2. meet the admission requirements of the degree program for which the application is being made; and
3. have official transcripts mailed to the address on the application from any accredited institution attended since leaving ASU.

An applicant who has been denied readmission may appeal for reinstatement to the Campus Standards Committee. Applicants for nondegree readmission who do not have a GPA of 2.00, may appeal to have the requirement waived through Admission Services.

Conditional readmission. A student completing work at another institution may be granted conditional readmission. This conditional status remains effective until an official transcript is received. The student is subject to Records Hold action and will not be able to register for subsequent semesters until the hold is cleared.

Academic Renewal

Academic renewal is a university policy designed to recalculate the ASU cumulative GPA of undergraduate students who:

1. have been readmitted to a degree program after an absence of at least five continuous calendar years; and
2. have completed, in good standing, a minimum of 12 academic unit-approved additional hours in residence within three semesters after reentry.

Students may have former grades (earned before the five-year absence - including transfer credits) accepted in the same manner as if the credits were transfer credits. That is, earned hours are carried forward for up to 60 hours of credit in which a grade of “C” (2.00) or higher was earned. The cumulative GPA is based only on credits earned subsequent to the student’s reentry. All graduation residency, academic recognition residency, and GPA requirements must be fulfilled after academic renewal.

Students interested in academic renewal must complete the Application for Academic Renewal form available at www.west.asu.edu/registrar/forms/regforms.htm or from the

dean of the academic unit offering the major. The Application for Academic Renewal may be submitted to the dean of the appropriate academic unit immediately upon readmission but no later than the start of the third semester after readmission. The dean reviews the request and specifies a minimum of 12 credit hours to be successfully completed to be eligible for academic renewal. When the approved credits are completed with a cumulative GPA of 2.50 or higher and no grade lower than “C” (2.00) in each course, the dean forwards the Application for Academic Renewal to Registration Services for processing.

Only students working toward their first undergraduate degree are eligible to apply for academic renewal, which may be effected only once during a student’s academic career. Academic renewal is transferable among academic units at ASU. Eligibility for graduation is based on the ASU cumulative GPA after academic renewal. However, a student’s complete record – before and after academic renewal – remains on the transcript and may be taken into consideration when a student applies for undergraduate professional or graduate programs.

Degree Requirements

Credit requirements

A minimum of 120 semester hours is required for graduation with a baccalaureate degree. A minimum of 50 semester hours in upper division courses is required for graduation.

Not more than 60 semester hours in independent learning courses and/or earned by comprehensive examination (including AP, CLEP, DSST, and IB exams) are accepted for credit toward the baccalaureate degree.

Grade point requirements

For a baccalaureate degree, the minimum cumulative GPA is 2.00 for all courses taken at ASU.

First-year composition requirement

Completion of both ENG 101 and 102 or ENG 105 with a grade of “C” (2.00) or better is required for graduation from ASU in any baccalaureate program. Students for whom English is the second language may meet the First-Year Composition requirement by completing ENG 107* and 108* with a grade of “C” (2.00) or better.

**Complete this ASU Tempe course or transfer equivalent.*

New or transfer students. Before new students or transfer students can register for the first time at ASU, they must determine what courses to take to complete the university First-Year Composition requirement; the students must then enroll immediately in composition courses and continue to do so every term until composition requirements are met. *Colleges may grant waivers to the immediate and continual enrollment requirement when there are scheduling conflicts detrimental to the student’s academic progress.*

Transfer students from other Arizona colleges or universities can determine the acceptability of their composition courses by referring to the *Arizona Course Applicability System - Education Course Equivalency Guide* function at az.transfer.org/cas in conjunction with an academic advisor. Composition courses transferred from non-state institutions must be evaluated and approved by the Composition Office. Students must file an application with their college advisor for Equivalency of First-Year Composition Requirements, along with a transcript and catalog descriptions of the composition courses to be transferred. The application, available in each college, should be filed immediately upon transfer of course work to ASU so that the student is able to enroll in an additional composition course, if required to do so. Students who fail to meet these requirements will not be allowed to register for classes.

For more information, the student should visit the Composition Office in the Faculty and Administration Building N210.

General Studies requirement

All students enrolled in a baccalaureate degree program must satisfy a university requirement of a minimum of 35 semester hours of approved coursework in General Studies, as described on [pages 84-88](#). General Studies courses offered at the West campus are listed on [pages 89-96](#), in the course descriptions, and in the *Schedules of Classes*.

Students transferring from Arizona community colleges with the Arizona General Education Core Curriculum (AGEC) have met all lower-division General Studies requirements.

Mathematics requirement. All undergraduate degree-seeking students are expected to fulfill the university's mathematics requirement by the time that they have accumulated 30 hours of credit in residence at ASU. Any student who has more than 30 hours of credit and has not fulfilled the mathematics requirement must enroll in a mathematics course or an appropriate prerequisite course and continue to do so every semester until the mathematics requirement is met. A waiver may be granted for continuous enrollment if there are scheduling conflicts detrimental to the student's academic progress.

Resident credit requirements

Resident credit refers to a course that is offered in a regular semester, winter session, intersession, or summer session. Credit earned through comprehensive examinations is also included when calculating ASU resident hours. Credit earned through independent learning, advanced placement, the College-Level Examination Program, or an International Baccalaureate Diploma/Certificate are excluded when calculating ASU resident hours.

Campus resident credit requirements

A minimum of 30 semester hours earned in campus resident credit courses at ASU's West campus is required of every candidate for the baccalaureate degree. Courses taken at ASU prior to Spring 1993 are considered resident credit at any ASU campus.

Guidelines for determination of catalog year

In determining graduation requirements, an undergraduate student may use only one edition of the Arizona State University *West Campus Catalog* but may elect to follow any subsequent catalog. Students maintaining continuous enrollment at any public Arizona community college or university may graduate according to the requirements of the catalog in effect at the time of initial enrollment or according to the requirements of any single catalog in effect during subsequent terms of continuous enrollment. Students may maintain continuous enrollment whether attending a single public community college or university in Arizona or transferring among public institutions in Arizona while pursuing their degrees.

Students transferring among Arizona public higher education institutions must meet the admission, residency, and all curricular and academic requirements of the degree-granting institution.

1. A semester in which a student earns course credit is counted toward continuous enrollment. Non-credit courses, audited courses, failed courses, or courses from which the student withdraws do not count toward the determination of continuous enrollment for catalog purposes. See the "Continuous Enrollment—Example A" and "Continuous Enrollment—Example B" tables.
2. Students who do not meet the minimum enrollment standard stipulated in section 1 during three consecutive semesters (fall/spring/fall or spring/fall/spring) and the intervening summer term* at any public Arizona community college or university are no longer considered continuously enrolled. These students must meet requirements of

the public Arizona community college or university catalog in effect at the time they are readmitted or of any single catalog in effect during subsequent terms of continuous enrollment after readmission. See the “Continuous Enrollment—Example C” and “Continuous Enrollment—Example D” tables. **Students are not obligated to enroll and earn course credit during summer terms, but summer enrollment may be used to maintain continuous enrollment status.*

3. Students admitted or readmitted to a public Arizona community college or university during a summer term must follow the requirements of the catalog in effect the following fall semester or of any single catalog in effect during subsequent terms of continuous enrollment. See the “Continuous Enrollment—Example E” table.

4. In areas of study in which the subject matter changes rapidly, material in courses taken long before graduation may become obsolete or irrelevant. Course work that is more than eight years old is applicable to completion of degree requirements at the discretion of the student’s major department. Departments may accept such course work, reject it, or request that the student revalidate its substance. The eight-year limit on course work applies except when program

accreditation agencies limit the life of course work to less than eight years. Departments may also require students to satisfy current major requirements rather than major requirements in earlier catalogs, when completing earlier requirements is no longer possible or educationally sound.

5. Enrollment by Arizona community college students in nontransferable courses still constitutes enrollment for purposes of determining whether the student has been continuously enrolled. For example, if a student takes two semesters of cooperative education classes, which are not transferrable to the university but constitute continuous enrollment at the community college, the university should consider it continuous enrollment.

6. Exceptions made by an institution apply only to the institution that made the exception. For example, if the community college departments accepted credit which was more than eight years old, the university department to which the student transfers has the right and the obligation to reevaluate any credit which is more than eight years old.

Inquiries about these guidelines may be directed to the student’s academic advisor.

CONTINUOUS ENROLLMENT

Student's Activity	Semester/Year	Status
Example A		
Admitted and earned course credit at a community college	Fall 2003	Active
Continued at a community college	Spring 2004 Fall 2004	Active
Transferred to a university	Spring 2005	Student enrolled under 2003-2004 or any subsequent catalog.
Example B		
Admitted and earned course credit at a community college	Fall 1999	Active
Enrolled but earned all "Ws" or "Es"	Spring 2000	Inactive
Enrolled in audit courses only	Fall 2000	Inactive
Nonattendance	Spring 2001	Inactive
Transferred to a university	Fall 2001	Student enrolled under 2001-2002 or any subsequent catalog.
Example C		
Admitted and earned course credit at a community college	Fall 2001	Active
Nonattendance	Spring 2002 Fall 2002 Spring 2003	Inactive
Readmitted and earned course credit at a community college	Fall 2003	Active
Transferred to a university	Spring 2004	Student enrolled under 2003-2004 or any subsequent catalog.
Example D		
Admitted and earned course credit at a community college	Fall 2002	Active
Nonattendance	Spring 2003	Inactive
Readmitted and earned course credit at a community college	Summer 2003	Active
Nonattendance	Fall 2003 Spring 2004	Inactive
Transferred to a university	Fall 2004	Student enrolled under 2002-2003 or any subsequent catalog.
Example E		
Admitted and earned course credit at a community college	Summer 2000	Active
Continued at a community college	Fall 2000 Spring 2001	Active
Nonattendance	Fall 2001	Inactive
Readmitted and earned course credit at a community college	Spring 2002	Active
Transferred to a university	Summer 2002	Student enrolled under 2000-2001 or any subsequent catalog.

Inquiries about these guidelines may be directed to an academic advisor.

Graduation Information

Declaration of graduation requirements

A student must file a Declaration of Graduation (DOG) form no later than the semester he or she earns his or her 81st semester hour. The intention of the policy is to help the student successfully complete degree requirements in a timely manner. Students who fail to submit the Declaration of Graduation by completion of the 81st semester hour are prevented from further registration.

Any student wishing to have a college or university requirement variance must petition the appropriate standards committee of the academic unit in which the student is enrolled.

All petitions must originate with the student's advisor. See [pages 51-52](#), "Student Grievances." See the "Academic Programs" section of this catalog for academic unit and program/major requirements. See [page 51](#) for information on variance for university requirements.

Application for graduation requirements

The following steps are required to complete the graduation process:

1. Register for the final semester.
2. Pay the graduation fee at the Cashier's Office, University Center Building 101. Note the deadline date listed in the current *Schedule of Classes*.
3. Submit the fee receipt to Registration Services, University Center Building 120; and apply for graduation. The Degree Audit Report is reviewed at this time and the grad-

uation date and eligibility to graduate are verified.

4. Complete all course work listed on the Degree Audit Report by the graduation date. Currently enrolled courses, grades of incomplete, and/or correspondence courses all must be completed by the graduation date. Students who fail to comply with the above requirements must refile to a later graduation date.

Students failing to comply with the above requirements do not graduate. For additional information, call the Graduation office at (602) 543-8163.

Graduation with academic recognition

An undergraduate student must have completed at least 50 semester hours of resident credit at ASU to qualify for graduation with academic recognition for a baccalaureate degree. A student with a cumulative GPA of 3.40-3.59 graduates *cum laude*, 3.60-3.79 graduates *magna cum laude*, or 3.80-4.00 graduates *summa cum laude*. The cumulative GPA for these designations is based solely on ASU resident course work. For example, ASU correspondence course grades are not calculated in the honors GPA. All designations of graduation with academic recognition are indicated on the diploma and the ASU transcript. Graduation with academic recognition applies only to undergraduate degrees.

A student who has a baccalaureate degree from ASU and is pursuing a second baccalaureate degree at ASU (with a minimum of 30 hours of resident credit) is granted academic recognition on the second degree based on the semester hours earned subsequent to the

posting of the first degree. If fewer than 50 semester hours are completed at ASU subsequent to completion of the first ASU degree, the level of academic recognition can be no higher than that obtained on the first degree. If 50 or more semester hours are completed at ASU after completion of the first ASU degree, the level of academic recognition is based on the GPA earned for the second ASU degree. Inquiries about graduation with academic recognition may be directed to Registration Services, (602) 543-8203.

Second baccalaureate degree

The student seeking a second baccalaureate degree must meet admission criteria for that degree. After conferral of the first degree, a minimum of 30 semester hours in resident credit must be successfully completed at the ASU campus from which the second baccalaureate degree will be awarded. The student must meet all degree and university requirements of the second degree.

Concurrent degrees

More than one baccalaureate degree may be pursued concurrently if prior approval is given by the standards committee(s) of the academic unit(s) offering the degrees. Students may receive concurrent degrees if they meet the minimum requirements for both degrees.

Minors

A minor is an approved, coherent concentration of academic study in a single discipline, involving substantially fewer hours of credit than the corresponding major.

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 (1) the academic unit/department of the minor officially certifies, through established verification procedures, that all requirements for the minor have been met, and (2) the academic unit (and, in certain academic units, the department) of the student's major allows the official recognition of the minor.

A minor consists of a minimum of 18 hours of course work. A minimum of nine upper division hours in the minor must be taken in residence at the West campus. All upper division courses in the minor must be completed with a minimum grade of "C" (2.00). Double counting courses from the major in the minor is allowed; however, certain major and minor combinations may be deemed inappropriate by the academic unit or department of the major or minor. Inappropriate combinations include (but would not be 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 (e.g., Major in Secondary Education/English and Minor in English, Major in Integrative Studies/Sociology and Minor in Sociology. Some departments may have more specific or stringent requirements for minors.

Several undergraduate minors are offered at the West campus. 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. For more information about specific minors refer to the pages indicated below.

Minor	Page
<i>College of Human Services</i>	
Communication Studies	122
Gerontology	130
Prelaw	140
Public Relations and Strategic Communications	122
Special Events Management	134
Tourism Management	134
<i>New College of Interdisciplinary Arts and Sciences</i>	
American Studies	197
English	198
Ethnic Studies	217
Film and Video Studies	194
History	203
Interdisciplinary Arts and Performance	193
Interdisciplinary Organizational Studies	214
Life Sciences	184
Mathematics	186
Philosophy	187
Political Science	209
Psychology	211
Religious Studies	218
Social and Behavioral Sciences	208
Sociocultural Anthropology	213
Sociology	212
Spanish	205
Women's Studies	216

Certificates

Students may pursue some certificate programs along with a major and other certificate programs independently.

At least 50% of the semester hours required to earn a certificate must be West campus resident credit. All course work in the certificate must be completed with a minimum grade of "C" (2.00). Some departments may have more specific or stringent requirements for certificates.

University-wide ASU programs (e.g., Certificate in Gerontology) are the only exceptions to this policy. Courses completed on any ASU campus will fulfill the resident credit requirements for the certificate.

For more information, refer to the pages indicated below.

Certificate	Page
<i>College of Human Services</i>	
Communication and Human Relations	122
Gerontology	129
<i>New College of Interdisciplinary Arts and Sciences</i>	
Ethnic Studies	218
Film and Video Studies	194
Women's Studies	216
Writing	200
<i>School of Global Management and Leadership</i>	
Accountancy	256
Professional Accountancy	257

General Studies Program

A baccalaureate education should prepare students for a particular profession or advanced study and for constructive and satisfying personal, social, and civic lives. In addition to depth of knowledge in a particular academic or professional discipline, students should also be broadly educated and develop the general intellectual skills they need to continue learning throughout their lives. Thus, the General Studies requirements complement the undergraduate major by helping students gain mastery of critical learning skills, investigate the traditional branches of knowledge, and develop the broad perspective that frees one to appreciate diversity and change across time, culture, and national boundaries.

Critical learning skills include proficiency in the use of language, mathematics, and quantitative methods as tools for acquiring, renewing, creating, and communicating knowledge. A broad education includes an understanding of the methods and concerns of traditional branches of knowledge—the arts and humanities, the social sciences, and the natural sciences. Developing perspective requires historical, global, and cross-cultural examination of knowledge of all kinds.

To help students achieve these educational goals, the General Studies Program includes five *core areas* and three *awareness areas*.

The five *core areas* help students acquire critical lifelong learning skills and guide their exploration of the traditional branches of knowledge.

1. literacy and critical inquiry;
2. mathematical studies;
3. humanities and fine arts;
4. social and behavioral sciences; and
5. natural sciences.

The three *awareness areas* promote appreciation of cultural diversity within the contemporary United States, develop an international perspective, and foster an understanding of current human events through study of the past.

1. cultural diversity in the United States;
2. global awareness; and
3. historical awareness.

Meeting the General Studies requirement

All students enrolled in a baccalaureate degree program must successfully complete a minimum of 35 semester hours of approved General Studies courses. Many General Studies courses are approved as satisfying more than one requirement. The following conditions govern the application of courses toward General Studies requirements:

1. A single course may be used to satisfy one core area and a maximum of two awareness area requirements;
2. A single course may be used to satisfy a maximum of two awareness area requirements; and
3. A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

There is no limit to the number of advanced placement (AP) or College-Level Examination Program (CLEP) credits that can be used to meet the General Studies requirement (see “Special programs for credit” on [page 70](#)). However, the natural sciences (SQ and SG) and literacy and critical inquiry (L) portions of the General Studies requirement are not satisfied by CLEP.

Five core areas

Literacy and Critical Inquiry (L)

Literacy is competence in written and oral discourse; critical inquiry is the gathering, interpretation, and evaluation of evidence. The literacy and critical inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

L requirement (6 semester hours). Students must complete six semester hours from courses designated as L, at least three semester hours of which must be chosen from approved upper-division courses, preferably in their major. Students must have completed ENG 101 or 105 (or ENG 107 at ASU’s Tempe campus) to take an L course.

Mathematical Studies (MA and CS)

This core area has two categories: 1) mathematics (MA) is the acquisition of essential skill in basic mathematics and requires the student to complete a course in college mathematics or precalculus or to demonstrate a higher level of skill by completing a course for which college algebra is a prerequisite; and 2) computer/statistics/quantitative applications (CS) apply mathematical reasoning, and require students to complete a course in either the use of statistics/quantitative analyses or the use of the computer to assist in serious analytical math work.

MA and CS requirement (6 semester hours). At least three semester hours must be selected from courses designated MA, and at least three semester hours must be selected from courses designated CS.

All students are expected to fulfill the MA requirement by the time they accumulate 30 hours of credit in residence at ASU. Any student who has more than 30 hours of resident ASU credit and has not fulfilled the mathematics (MA) requirement must enroll in a mathematics (MA) course or an appropriate prerequisite and continue to do so every semester until the mathematics (MA) requirement is met. College officers may grant waivers to the immediate and continual enrollment requirement only when there are scheduling conflicts detrimental to the student's academic progress.

Humanities and Fine Arts (HU)

The study of the humanities and the disciplines of art and design deepen awareness of the complexities of the human condition and its diverse histories and cultures. Courses in the humanities are devoted to the productions of human thought and imagination, particularly in philosophical, historical, religious, and artistic traditions. Courses with an emphasis in fine arts and design are devoted to the study of aesthetic experiences and the processes of artistic creation. They may also feature a design emphasis in which material culture is studied as a product of human thought and imagination.

HU requirement. The requirements for humanities and fine arts (HU) are combined with the requirements for social and behavioral sciences (SB). See “Combined HU and SB requirement” section on this page.

Social and Behavioral Sciences (SB)

The social and behavioral sciences provide scientific methods of inquiry and empirical knowledge about human behavior, both within society and individually. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological, or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political, and social distance.

Combined HU and SB requirement (15 semester hours). A total of 15 semester hours must be completed in the following two core areas: 1) humanities and fine arts (HU) and 2) social and behavioral sciences (SB). Two conditions must be satisfied:

1. Six semester hours must be taken in one of these two core areas and nine hours in the other core area; and
2. Three of the 15 semester hours must be at the upper-division level.

Natural Sciences (SQ and SG)

The natural sciences help students appreciate the scope and limitations of science and its contributions to society. Natural science areas of study include anthropology, astronomy, biology, biochemistry, chemistry, experimental psychology, geology, microbiology, physical geography, physics, and plant biology. Knowledge of methods of scientific inquiry and mastery of basic scientific principles and concepts are stressed, specifically those that relate to matter and energy in living and nonliving systems. Firsthand exposure to scientific phenomena in the laboratory is important in developing and understanding the concepts, principles, and vocabulary of science.

General Studies courses that satisfy the Natural Science requirement are given one of two classifications:

1. Natural Science - Quantitative (SQ):

These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.

2. Natural Science - General (SG):

These laboratory courses cover those aspects of scientific inquiry that lend themselves to more qualitative or descriptive discussions of science.

SQ and SG requirement (8 semester hours). Eight semester hours of courses designated SQ or SG must be selected. Of these, at least four semester hours must be taken from the SQ category.

Three awareness areas

Students must complete courses that satisfy each of the three awareness areas. Courses that are listed for a core area and one or more awareness areas may satisfy each of these requirements concurrently.

Cultural Diversity in the United States (C) (3 semester hours)

The objective of the cultural diversity requirement is to promote awareness and appreciation of cultural diversity within the contemporary United States. This is accomplished through the study of the cultural, social, or scientific contributions of women and minority groups, examination of their experiences in the United States, or exploration of successful or unsuccessful interactions between and among cultural groups. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present, and future and can help students to achieve greater mutual understanding and respect.

Global Awareness (G) (3 semester hours)

The objective of the global awareness requirement is to help students recognize the need for an understanding of the values, elements, and social processes of cultures other than the culture of the United States. The global awareness area includes courses that recognize the nature of other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

Historical Awareness (H) (3 semester hours)

The objective of the historical awareness requirement is to help students develop knowledge of the past that can be useful in shaping the present and future. History is present in the languages, art, music, literature, philosophy, religion, and the natural sciences, as well as in the social science traditionally called history.

Transfer credit

The Arizona General Education Curriculum (AGEC), offered by the Arizona community colleges, is composed of 35 semester hours of lower-division general education course work. Students who complete the AGEC have completed the ASU First-Year Composition requirement and all lower-division portions of the General Studies requirement. The students must still take six upper-division semester hours (three for L and three for SB or HU) to complete the ASU General Studies requirement. If students transfer from Arizona community colleges without completing AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-by-course equivalency.

College or school, and major requirements

In addition to General Studies requirements, students must also complete college or school, and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program may enable a student to concurrently satisfy requirements at the university, college or school levels, and within their major.

General Studies courses

The following pages list West campus courses that satisfy the requirements of the five core areas and three awareness areas. General Studies courses are regularly

reviewed. Since courses are occasionally added to and deleted from the list, students should always consult the *Schedule of Classes* each semester to see which courses currently meet the General Studies requirement.

A student receives the General Studies credit a course carries in the semester in which the course is taken.

Under each core and awareness area, courses are presented alphabetically by course prefix. The course prefix is followed by course number and course title. (See “General Studies Courses” table, [pages 89-96](#).) The “Key to General Studies Credit Abbreviations” on every other page defines the abbreviations used. General Studies courses are also identified following course descriptions at the end of each college/school section in this catalog.

General Studies credit for a course may vary by campus; however, General Studies credit granted at one campus will be honored at all campuses.

The campus codes “M” (for Tempe campus), “W” (for West campus), and “E” (for East campus) identify the campus that maintains academic control over the course (i.e., course content, registration restrictions, General Studies designations, and other curricular matters). The campus code is not used in the catalogs but appears in the *Schedule of Classes*, on transcripts, and other enrollment and registration records. Students should seek advice from the appropriate academic advisor for their major before registering for classes on another ASU campus.

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
---	493 Honors Thesis (See description on page 101.)	3-6	L							
ACO	101 Introduction to Computer Science	3		CS						
	102 Principles of Computer Science	3		CS						
	201 Data Structures and Algorithms	3		CS						
	210 Introduction to Systems Programming	3		CS						
	220 Introduction to Database Systems	3		CS						
AMS	219 Newspaper Production (Cross-listed as ENG 219.)	3	L							
	301 Introduction to American Studies (Cross-listed as HIS 301.)	3	L							
	310 American Systems	3	L					C		H
	311 American Systems	3								H
	320 American Cultures (Cross-listed as HIS 303.)	3				SB				H
	321 American Cultures (Cross-listed as HIS 304.)	3				SB				H
	330 Introduction to American Lives	3			HU					
	417 Religious Traditions of the American Southwest	3						C		
	422 Studies in American Literature	3	L		HU					
	428 Chicano Cultures in the Southwest	3				SB				
ARS	101 Art of the Western World I	3			HU					H
	102 Art of the Western World II	3			HU					H
	438 Art of the 20th Century I	3			HU					
	439 Art of the 20th Century II	3			HU					H
ASB	102 Introduction to Cultural and Social Anthropology	3				SB			G	
	211 Women in Other Cultures	3			HU	SB			G	
	311 Principles of Social Anthropology	3				SB			G	H
	340 Migration and Culture	3				SB			G	
	346 Marriage and Family Diversity	3				SB		C		
	350 Anthropology and Art	3			HU					
	353 Death and Dying in Cross-Cultural Perspective (Cross-listed as SOC 353.)	3			HU	SB			G	
	440 Women in the Global Factory	3				SB			G	
	441 Sexuality and Culture	3				SB			G	
	442 Urban Anthropology	3				SB				
AST	111 Introduction to Solar Systems Astronomy (If credit also earned in AST 113.)	3					SQ			
	112 Introduction to Stars, Galaxies and Cosmology (If credit also earned in AST 114.)	3					SQ			
	113 Astronomy Laboratory I (If credit also earned in AST 111.)	1					SQ			
	114 Astronomy Laboratory II (If credit also earned in AST 112.)	1					SQ			
BIO	100 The Living World	4					SQ			
	187 General Biology I	4					SG			
	188 General Biology II	4					SQ			
BLE	312 ESL, Diversity, and Culture in Education	3	L							

**Key to General Studies
Credit Abbreviations**

L Literacy and critical inquiry
core courses

MA Mathematics core courses

CS Computer/statistics/quantitative
application core courses

HU Humanities and fine arts
core courses

SB Social and behavioral sciences
core courses

SG Natural science-general core courses

SQ Natural science-quantitative
core courses

C Cultural diversity in the
United States courses

G Global awareness courses

H Historical awareness courses

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
CHM 101	Introductory Chemistry	4					SQ			
113	General Chemistry	4					SQ			
115	General Chemistry with Qualitative Analysis	5					SQ			
COE 111	Exploration of Education	3				SB				
212	Understanding the Culturally Diverse Child	3						C		
315	Child and Adolescent Development	3				SB				
COM 100	Introduction to Human Communication	3				SB				
222	Argumentation	3	L							
225	Public Speaking	3	L							
230	Small Group Communication	3				SB				
308	Empirical Research Methods in Communication	3	L							
316	Gender and Communication	3						C		
320	Communication and Consumerism	3				SB				
321	Rhetorical Theory and Research	3	L		HU					
371	Cross-Cultural Communication Perspectives	3							G	
410	Interpersonal Communication Theory and Research	3				SB				
411	Communication in the Family	3				SB				
421	Rhetoric of Social Issues	3			HU					
422	Argumentation, Critical Reasoning, and Public Communication	3	L							
450	Theory and Research in Organizational Communication	3				SB				
463	Cultural and Intercultural Communication Theory and Research	3				SB			G	
471	International Communication	3							G	
CRJ 100	The Justice System	3				SB				
200	Topics in Concepts and Issues of Justice	3				SB				
303	Statistical Analysis	3		CS						
305	Women, Crime, and Justice	3						C		
306	Race, Ethnicity, and Justice	3						C		
350	Law and Social Control	3				SB				
470	Discretionary Justice	3	L			SB				
490	Senior Seminar in Criminal Justice	3	L							
CSE 180	Computer Literacy	3		CS						
DAH 300	Introduction to Dance	3			HU					H
301	Philosophy and Criticism of Dance	3	L		HU					
ECN 111	Macroeconomic Principles	3				SB				
112	Microeconomic Principles	3				SB				
EDP 310	Educational Psychology	3				SB				
EDT 321	Computer Literacy	3		CS						
ENG 200	Critical Reading and Writing About Literature	3	L		HU					
219	Newspaper Production (Cross-listed as AMS 219.)	3	L							
221	Survey of English Literature	3			HU					H
222	Survey of English Literature	3			HU					H
241	American Literature	3			HU					
242	American Literature	3			HU					

Note: The campus code (W=West campus; M=Tempe campus; E=East campus) identifies the campus that maintains academic control over the course (i.e., course content, registration restrictions, general studies designations, and other curricular matters.) The course campus code appears in the Schedule of Classes, on transcripts, and other enrollment/registration records. Students should seek advice from the appropriate academic advisor for their major before registering for classes on another ASU campus.

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
ENG 301	Writing for the Professions	3	L							
305	Classical and Biblical Backgrounds to Literature	3			HU					
311	Persuasive Writing	3	L							
316	Writing and Arguing Politics	3	L							
317	Cross Cultural Writing	3	L		HU			G		
323	Rhetoric and Grammar	3	L							
337	Major American Novels	3	L		HU					
352	Short Story	3	L		HU					
353	African American Literature: Beginnings through the Harlem Renaissance	3	L		HU			C		
354	African American Literature: Harlem Renaissance to the Present	3	L		HU			C		
359	American Indian Literature	3	L		HU			C		
360	Western American Literature	3	L		HU			C		
363	Chicano Literature	3			HU			C		
365	History of Film	3			HU					
369	Science Fiction and Fantasy	3			HU					
386	American Gothic	3	L		HU					
400	History of Literary Criticism	3	L		HU					H
415	Medieval Literature	3			HU					
417	Erotic Writing in the Renaissance	3	L		HU					
418	European Renaissance Literature	3	L		HU					
420	Multicultural Autobiographies (Cross-listed as IAS 420.)	3	L		HU			C		
424	Milton	3			HU					
431	Whitman and Dickinson	3			HU					
432	The American Renaissance	3			HU					
437	The American Novel, 1900-1960	3	L		HU					
438	American Novel since 1960	3	L		HU					
450	The British Novel	3			HU					
454	Gender and Literature	3	L		HU					
455	Contemporary Women Writers	3			HU					
460	Ethnic Women Writers (Cross-listed as WST 467.)	3	L		HU			C		
462	Africana Literature	3			HU				G	
463	African-American Literature	3			HU			C		
476	Folklore in Everyday Life	3	L		HU	SB		C		
477	World Literature (Cross-listed as IAS 477.)	3	L		HU				G	
478	Modernist Literature	3			HU					
479	International Postmodern Literature	3			HU				G	
ETH 100	Introduction to Ethnic Studies	3				SB		C		
300	Principles of Ethnic Studies	3						C		
FAS 301	Introduction to Parenting	3				SB				
330	Personal Growth in Human Relationships	3				SB				
GCU 352	Political Geography	3				SB			G	
357	Social Geography	3				SB				
361	Urban Geography	3				SB				
373	Introduction to Geographic Information Science	4					SG			
GLB 301	Business in the Global Environment	4							G	
401	Global Business Integration	4	L							

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative application core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural science-general core courses

SQ Natural science-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
GLG 110	Geological Disasters and the Environment (If credit also earned in GLG 111.)	3					SG	G		
111	Geological Disasters and the Environment Lab (If credit also earned in GLG 110.)	1					SG			
GRN 400	Perspectives on Aging (Cross-listed as SOC 400.)	3				SB				
420	Health Aspects of Aging	3				SB				
HIS 101	Western Civilization	3				SB				H
102	Western Civilization	3				SB		G		H
103	The United States	3				SB				H
104	The United States	3				SB				H
300	Historical Methods	3	L							H
301	Writing in History (Cross-listed as AMS 301.)	3	L							
303	American Cultural History (Cross-listed as AMS 320.)	3				SB				H
304	American Cultural History (Cross-listed as AMS 321.)	3				SB				H
305	History of American Systems to 1865 (Cross-listed as AMS 310.)	3	L					C		H
306	History of American Systems since 1865 (Cross-listed as AMS 311.)	3								H
320	19th Century West	3				SB				H
340	American Military History	3				SB				H
355	World History to 1500	3						G		H
356	World History since 1500	3						G		H
377	Women in Europe, 1700 - Present	3								H
378	20th Century Europe at War, 1900-1945	3								H
406	Civil War and Reconstruction	3	L			SB				H
411	Contemporary America	3	L			SB				H
423	Mexico	3				SB				H
424	The Hispanic Southwest	3				SB				H
431	Social History of American Women	3	L			SB				H
443	Constitutional History of the United States	3				SB				H
444	American Urban History	3				SB				H
454	History of Genocide	3						G		H
462	The African Diaspora	3								H
465	Origins of Racism	3								H
469	Modern Germany	3				SB		G		H
498	Pro-seminar	3	L							
HON 171	The Human Event	3	L		HU					
172	The Human Event	3	L		HU					
IAP 101	Art, Artist, and Culture	3			HU					
300	Introduction to Interdisciplinary Arts	3			HU					
302	Cross-Cultural Perspectives on the Arts	3	L		HU					
304	The Avante-Garde to WW II	3			HU					
305	The Avante-Garde and Experimental Arts, WW II to Present	3	L		HU					
310	Women in Art (Cross-listed as IAS 310.)	3			HU					
361	Digital Editing and Media Literacy	3		CS						
371	Verbal Art	3	L		HU					
471	Language, Culture, and Performance	3	L		HU					

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GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
IAP 473	Aesthetic Research	3	L		HU					
474	Art and Film	3	L		HU					
IAS 220	Psychology, Autobiographies, Religion	3	L		HU			C		
300	Adult Career Development	3	L			SB				
305	Work and Identity	3				SB				
310	Women in Art (Cross-listed as IAP 310.)	3			HU					
340	Bioethics (Cross-listed as PHI 340.)	3			HU					
406	Moral Dilemmas (Cross-listed as PHI 406.)	3	L		HU					
407	Environmental Philosophy and Policy (Cross-listed as PHI 407.)	3	L		HU					
408	Feminist Ethics	3			HU					
410	Evolution of Ideas	3	L		HU					
411	History and Philosophy of Mathematics (Cross-listed as MAT 411.)	3			HU					H
420	Multicultural Autobiographies (Cross-listed as ENG 420.)	3	L		HU			C		
430	Science and Religion	3	L		HU					
477	World Literature (Cross-listed as ENG 477.)	3	L		HU				G	
LSC 300	Modes of Biological Thought	3	L							
301	Life Sciences: History and Method	4					SG			
310	Natural History of Arizona (If credit also earned in LSC 311.)	3					SG			
311	Field Natural History (If credit also earned in LSC 310.)	1					SG			
330	Pollution vs. Protection: Counting the Cost	3							G	
365	The Human Organism	4					SG			
410	Techniques in Wildlife Conservation Biology	3	L							
415	Biometry	4		CS						
473	Ichthyology	3	L							
MAT 119	Finite Mathematics	3		MA						
142	College Mathematics	3		MA						
170	Precalculus	3		MA						
210	Brief Calculus	3		MA						
270	Calculus with Analytic Geometry I	4		MA						
271	Calculus with Analytic Geometry II	4		MA						
272	Calculus with Analytic Geometry III	4		MA						
411	History and Philosophy of Mathematics (Cross-listed as IAS 411.)	3			HU					H
MUE 464	Music of World Cultures in the Classroom	3			HU				G	
MUS 340	Listening to Music	3			HU					H
349	Music in America	3			HU					H
354	Popular Music	3			HU					
356	Survey of the Musical Theatre	3			HU					
PGS 101	Introduction to Psychology	3				SB				
304	Effective Thinking	3	L							
306	Environmental Psychology	3				SB				
315	Personality Theory and Research	3				SB				
341	Developmental Psychology	3				SB				

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative application core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural science-general core courses

SQ Natural science-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
PGS 344	Directed Child Study	3	L			SB				
350	Social Psychology	3				SB				
370	Interpersonal Relationships	3				SB				
385	Psychology of Gender (Cross-listed as WST 385.)	3				SB				
414	History of Psychology	3	L			SB				
427	Psychology of Aging	3				SB				
442	Life Span Development	3				SB				
443	Abnormal Child Psychology	3	L			SB				
446	Social Development	3	L			SB				
453	Organizational Behavior	3				SB				
458	Group Dynamics	3				SB				
465	Psychology of Stress and Coping	3				SB				
466	Abnormal Psychology	3				SB				
473	Psychology and Politics of Child Maltreatment	3				SB				
480	Cross-Cultural Social Psychology	3				SB		G		
481	Psychology of Social Issues	3	L			SB				
482	Social Influence and Consumer Behavior	3				SB				
PHI 101	Introduction to Philosophy	3			HU					
103	Principles of Sound Reasoning	3	L		HU					
105	Introduction to Ethics	3			HU					
306	Applied Ethics	3			HU					
340	Bioethics (Cross-listed as IAS 340.)	3			HU					
360	Business and Professional Ethics	3			HU					
406	Moral Dilemmas (Cross-listed as IAS 406.)	3	L		HU					
407	Environmental Philosophy and Policy (Cross-listed as IAS 407.)	3	L		HU					
PHS 110	Fundamentals of Physical Science	4					SQ			
PHY 101	Introduction to Physics	4					SQ			
111	General Physics (If credit also earned in PHY 113.)	3					SQ			
112	General Physics (If credit also earned in PHY114.)	3					SQ			
113	General Physics Laboratory (If credit also earned in PHY 111.)	1					SQ			
114	General Physics Laboratory (If credit also earned in PHY 112.)	1					SQ			
POL 101	Political Ideologies	3				SB				
110	Government and Politics	3				SB				
150	Comparative Government	3				SB		G		
160	Global Politics	3				SB		G		
310	American National Government: Ideas and Institutions	3				SB				H
313	The Congress	3				SB				
314	The American Presidency	3				SB				
320	Latino Politics	3				SB		C		
331	Public Opinion	3				SB				
336	Electoral Behavior	3				SB				
340	Political Theory	3			HU	SB				
350	Comparative Politics	3				SB		G		
360	World Politics Theory	3				SB		G		
361	American Foreign Policy	3				SB				

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GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
POL 430	Race and Politics in the Americas	3				SB		C		
434	Media and Politics	3				SB				
435	Women, Power, and Politics	3				SB		C		
436	Gender, Sexuality, Nation-States	3				SB			G	
440	Political Futures through Science Fiction	3	L		HU HU					
446	Democracy	3								
453	Latin American Cities	3				SB			G	
454	Mexico: Politics, Economy, Cultures	3				SB			G	
460	Politics of Globalization	3				SB			G	
470	Law and the Political Order	3				SB				
486	Global Political Economy	3				SB			G	
PSY 230	Introduction to Statistics	3		CS						
290	Research Methods	4					SG			
324	Memory and Cognition	3				SB				
330	Statistical Methods	3		CS						
425	Biological Bases of Behavior	3	L							
QBA 221	Statistical Analysis	3		CS						
REC 120	Leisure and Quality of Life	3				SB				
302	Recreation for Diverse Populations	3						C		
304	Recreation and Tourism Areas and Facilities Management	3	L							
373	Leisure Travel and Tourism	3				SB				
458	International Tourism	3							G	
REL 100	Religions of the World	3			HU HU				G	
201	Religion and the Modern World	3	L		HU HU					H
320	Religion in America	3			HU HU					H
321	Religion in America	3	L							
390	Women and Religion	3	L			SB			G	
SBS 300	Interdisciplinary Approaches to Social and Behavioral Sciences	3				SB				
301	Cultural Diversity	3	L			SB		C		
304	Social Statistics I	3		CS						
404	Social Statistics II: Multivariate Analysis	3		CS						
430	Topics in Power/Knowledge	3				SB				
440	Family Studies	3				SB				
450	Topics in Local/Global	3				SB			G	
460	Urban Studies	3				SB				
SOC 101	Introductory Sociology	3				SB				
301	Principles of Sociology	3				SB				
315	Courtship and Marriage	3				SB				
324	Work and the Workplace	3				SB				H
328	Migration	3				SB		G		
340	Sociology of Deviant Behavior	3				SB				
341	Modern Social Problems	3	L			SB				
352	Social Change	3				SB		G		H
353	Death and Dying in Cross-Cultural Perspective (Cross-listed as ASB 353)	3			HU	SB		G		
354	Popular Music and Society	3			HU					
360	Sociological Psychology	3				SB				
364	Popular Culture	3				SB				
365	Sociology of Mass Communication	3				SB				
366	Film and Society	3				SB				

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

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CS Computer/statistics/quantitative application core courses

HU Humanities and fine arts core courses

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C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

GENERAL STUDIES COURSES

NUMBER	NAME	SEMESTER HOURS	Literacy & Critical Inquiry	Mathematical Studies	Humanities & Fine Arts	Social & Behavioral Sciences	Natural Sciences	Cultural Diversity in the U.S.	Global Awareness	Historical Awareness
SOC 370	Racial and Ethnic Minorities	3				SB		C		
400	Perspectives on Aging (Cross-listed as GRN 400)	3				SB				
418	Aging and the Life Course	3				SB				H
419	Organizations and Technological Change	3							G	
426	Social Inequality	3				SB				
457	Social Movements and Social Change	3				SB			G	
486	Contemporary Theory	3				SB				
SPA 313	Spanish Conversation and Composition	3							G	
314	Spanish Conversation and Composition	3							G	
412	Advanced Conversation and Composition	3							G	
426	Spanish Literature	3			HU					
464	Mexican American Literature	3			HU		C			
472	Spanish-American Civilization	3			HU					
SPE 222	Orientation to Education of Exceptional Children	3				SB				
320	Assessment and Evaluation of Special Education	3	L							
STP 220	Conceptual Statistics	3		CS						
226	Elements of Statistics	3		CS						
420	Introductory Applied Statistics	3		CS						
SWU 271	Introduction to Social Work: Social Problems and Social Justice	3				SB				H
301	Human Behavior in the Social Environment I	3	L							
331	Social Policy and Services I	3								H
402	Human Behavior in the Social Environment II	3				SB				
474	Ethnic/Cultural Variables in Social Work	3					C			
THE 100	Introduction to Theatre	3			HU					
300	Film: The Creative Process	3			HU					
320	History of the Theatre	3			HU					H
321	History of the Theatre	3			HU					H
WST 100	Women and Society	3				SB		C		
300	Women in Contemporary Society	3				SB		C		
320	Women in Popular Culture	3			HU			C		
350	Race, Class, and Gender	3				SB		C		
370	Chronicling Women's Lives	3			HU			C		
376	Feminist Theory	3	L					C		
385	Psychology of Gender (Cross-listed as PGS 385.)	3				SB				
390	Women and World Religions	3	L			SB			G	
431	Women and Film	3	L						G	
457	Women, Cultures, and Societies	3				SB			G	
467	Ethnic Women Writers (Cross-listed as ENG 460.)	3	L		HU		C			
473	Latina/Chicana Representation (Cross-listed as AMS 429.)	3				SB		C		
475	Women of the Diaspora Across Cultures	3			HU				G	
483	Contemporary Women Writers	3			HU				G	
487	Gender and International Development	3				SB			G	
498	Pro-Seminar: Theory and Method in Women's Studies	3	L							

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- 98** *Nature of Program*
- 98** *Benefits*
- 99** *Admission*
- 99** *Retention*
- 99** *Courses*
- 100** *Honors Transcript Recognition*
- 101** *Honors Course Descriptions*

The Craig and Barbara Barrett Honors College



Dean:
Mark Jacobs, PhD

Associate Dean:
Ramsey Eric Ramsey, PhD

Program Coordinator:
Liz Marini

Location:
UCB 201
(602) 543-3410

Website:
www.west.asu.edu/honors

Nature of program

The Craig and Barbara Barrett Honors College offers talented, motivated students educational opportunities designed to enrich and further their personal, academic, and career goals. The college is unique in Arizona and the Southwest. It provides students the educational benefits typical of small colleges while allowing them to enjoy the resources found only at a dynamic research university. Students enroll for courses taught by teaching and research faculty who nurture intellectual creativity and curiosity. These faculty bring to undergraduate education the expertise of their own academic backgrounds and the excitement of nationally distinguished research.

The first two years of the honors curriculum typically focus on general studies. The second two years of upper division study concentrate on the student's academic major and lead to graduation from both a disciplinary college and the Barrett Honors College. Participating in the upper division curriculum allows students to write an honors thesis or complete some other extended creative project appropriate to their academic interests. In conceiving and completing this project, each student works closely with a faculty mentor to identify and develop an original concept that extends and integrates the student's work in a discipline.

Participants in the Barrett Honors College have diverse interests and strong records of success. Many go on to the nation's finest graduate and professional programs. Many have published portions of their honors theses or creative projects and have presented

their work at the national and regional meetings of scientific and honors societies.

Benefits

Honors students have special advisors to help them plan individualized programs of study, and they receive priority at preregistration. Honors courses are normally limited to 20 students.

The Office of National Scholarship Advisement (ONSA) assists honors and other high-achieving students by identifying nationally competitive programs appropriate to each person's intellectual and career goals, nurturing these prospective applicants, and advancing their candidacy. This office, administered by the Barrett Honors College, serves the entire ASU community. ASU students regularly earn distinction in the most rigorous and prestigious scholarship competitions. Many pursue enhanced degree programs and research projects under the auspices of Goldwater Scholarships or National Security Education Program (NSEP) awards. Still others undertake postgraduate study abroad as Rhodes, Marshall, or Fulbright scholars, and in the United States as Truman and Mellon scholars. Many others have been recognized by a range of postgraduate awards, fellowships, and assistantships.

Students who meet all upper division requirements of both their disciplinary college and the Barrett Honors College receive transcript recognition of that accomplishment as well as special acknowledgment in the graduation ceremonies and collegiate honors convocations.

Admission

Students who have demonstrated high levels of academic achievement at the high school, community college or university level are invited to apply for admission to the Barrett Honors College. All candidates for admission must file a separate application to the college.

Applicants will be evaluated on the basis of their high school GPA, high school class rank and performance on the SAT or ACT. A student may also possess other talents that contribute to academic leadership and community service. Continuing ASU or transfer students will be evaluated on their college GPA. The typical first-year student in the Barrett Honors College has a high school GPA of 3.80, is in the top five percent of his or her high school graduating class, and has a 29 composite of the ACT or 1300 composite on the SAT.

The typical transfer student will enter at the junior level and will have a cumulative GPA of 3.50 or better.

Retention

Honors students must maintain high standards of academic performance and show progress toward completion of graduation requirements in their disciplinary majors and the Barrett Honors College. Students should complete an average of one honors course each semester. The associate dean of the college must approve any deviation from this standard. Good standing in the Barrett Honors College requires students to maintain the following cumulative ASU GPAs (4.00 = A):

1. fewer than 45 semester hours, 3.25;
2. between 45 and 80 semester hours, 3.33; and
3. more than 80 semester hours, 3.40.

A student with a cumulative ASU GPA below this criteria is placed on probation and is withdrawn from the college if he or she does not make reasonable progress in raising the cumulative GPA during the following semester. Students who fail to complete an average of one honors course in two semesters may be placed on inactive status. A student on inactive status within the college will not be eligible for extended library privileges, early registration, or honors internship placement. Reinstatement to active status will require a formal application and appointment with an honors advisor.

Courses

Only courses in which a student earns at least a grade of “C” (2.00) may be used to meet Barrett Honors College requirements.

Freshmen and students entering the college with fewer than 45 semester hours of course work must take HON 171 and 172 the Human Event. This cross-disciplinary seminar acquaints them with ideas that form the foundation of a university education and emphasizes critical thinking, discussion, and writing.

Transfer students with 45 or more semester hours entering the college must take HON 394, a junior-level seminar that introduces them to critical thinking, discussion, and writing in an area chosen by the instructor.

Departmental courses carrying footnote number 18 in the *Schedule of Classes* allow honors students to contract with the instructor for honors credit by pursuing enrichment activities. When several students in the same section arrange such contracts, the instructor may require them to meet for supplemental sessions. Footnote 18 contracts must be filed during the first four weeks of class during the semester in which the course is offered.

Departmental courses carrying footnote number 19 in the *Schedule of Classes* are limited to honors students and others who receive special permission to enroll from the instructor. Enrollment in these courses is limited to 25 students.

Departmental courses with the number 493 are reserved for honors students completing their honors theses or projects. A student may enroll for these courses only with the approval of the sponsoring academic department and of the faculty member who serves as the student's thesis director. Students may receive a maximum of six semester hours credit for an honors thesis or project, three semester hours of which may fulfill the student's literacy and critical inquiry (L) General Studies requirement.

All courses a student takes for honors credit count toward graduation, even if the student does not graduate from the Barrett Honors College.

Honors transcript recognition

All courses used to fulfill graduation requirements for the Barrett Honors College must carry earned letter grades of at least "C" (2.00). A "Y" grade does not meet college requirements.

Lower division. To receive transcript recognition for lower-division honors work, students must complete 18 semester hours of honors course work within 60 earned semester hours with a cumulative ASU GPA greater than or equal to

3.40 (4.00 = A). Courses *must* include HON 171 and 172 the Human Event. Courses that earn automatic honors credit, although not carrying a footnote number 19 in the *Schedule of Classes*, include ENG 105 (any section), CHM 117* and 118* (any section), and MAT 290* and 291* (any section). *Complete this ASU Tempe course.

Students may apply upper-division honors course work toward lower-division requirements; however, those classes may not also be used to meet Barrett Honors College upper-division/graduation requirements.

Upper division/graduation from the Barrett Honors College. To graduate from the Barrett Honors College, students must

1. complete HON 171 and 172 the Human Event for continuing ASU or transfer students with fewer than 45 hours of credit *or* HON 394 Special Topics for continuing or transfer students with 45 or more hours of credit;
2. complete 18 additional semester hours of upper-division honors course work for an earned letter grade, which must include three to six semester hours of Honors Thesis and six semester hours outside the academic major and which may include graduate courses;
3. complete ASU graduation requirements in an academic major; and
4. earn a cumulative ASU GPA greater than or equal to 3.40 (4.00 = A).

Honors

HON 171 The Human Event (3)

fall

Landmarks in the social and intellectual development of the human race, with emphasis on Western civilization. Enrollment restricted to members of the Barrett Honors College. General studies: L/HU.

HON 172 The Human Event (3)

spring

Continuation of HON 171, with emphasis on the Renaissance through the modern period. Prerequisite: HON 171. General studies: L/HU.

HON 394 Special Topics (3)

fall, spring

Junior level seminar that introduces students to critical thinking, discussion, and writing in various content areas.

Key to General Studies

Credit Abbreviations

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C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses
, and
/ or

Graduate Studies



- 103** *Nature of Program*
- 103** *Admission to Graduate Studies*
- 108** *Graduate Studies Policies and Procedures*
- 111** *Graduate Studies Degree Requirements*
- 116** *Research and Teaching Assistantships, Scholarships, and Loans*

**Interim Associate Vice Provost
for Academic Programs and
Graduate Studies:**
Joan Brett, PhD

Location:
FAB S301
(602) 543-4567

Student Support Coordinator:
Marge A. Williams, MEd

Website:
westcgi.west.asu.edu/acadaffairs/gradstudies/

Nature of Program

Graduate Studies at ASU's West campus provides students with opportunities to study beyond the bachelor's degree.

Professional graduate programs emphasize training that leads to professional practice. In these degree programs, students develop a high-order mastery of a comprehensive body of knowledge and the ability to organize and carry out significant investigations in their professional field. The following degrees are offered through Graduate Studies:

Master of Arts Degree
in Communication Studies

Master of Arts Degree
in Criminal Justice

Master of Arts Degree
in Interdisciplinary Studies

Master of Business Administration

Master of Education

Master of Social Work

Admission to Graduate Studies

Eligibility

To be eligible for admission to graduate studies, applicants must hold a U.S. bachelor's degree from a regionally accredited institution. A bachelor's degree in the U.S. is considered to be a four year degree which was preceded by 12 years of primary and secondary schoolwork. Undergraduate deficiencies may be assigned if the undergraduate degree is based on credits not accepted by ASU, such as life experience or noncredit workshops and seminars.

Graduate Studies requirements

Generally, an applicant must have a GPA of 3.00 (4.00 = "A" scale), or the equivalent, in the last two years of work leading to the bachelor's degree.

Recognition of a degree. Recognition of a degree is acknowledgment that the program leading to the degree is equivalent to a

program offered by ASU or is an acceptable program for the proposed graduate major at ASU. A student who enters a graduate degree program at ASU is expected to have undergraduate educational experiences, including general education studies, that are appropriate for the program.

Requirements of the academic unit

Academic units or programs may have admission requirements in addition to those of Graduate Studies. Some graduate programs require scores from a national admissions test such as the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), or the Miller Analogies Test (MAT). Some programs also require additional materials such as a portfolio, letters of recommendation, or a statement of goals. Applicants should contact the academic unit regarding specific requirements.

Submission of an application

U.S. citizens and permanent residents should submit the following *in one envelope* (clearly labeled “application”) to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

1. application (www.west.asu.edu/graduate);
2. application fee;
3. two transcripts from every college and university in which the applicant was previously enrolled;
4. appropriate test score reports (e.g., GRE, GMAT); and
5. a domicile affidavit if the applicant is a resident of Arizona.

If all materials are not available, what is available should be submitted with the application and fee. The rest of the materials should be submitted as soon as possible.

Graduate Studies accepts as *official* all transcripts submitted in sealed envelopes, stamped and verified by the issuing institution or transcripts sent directly from another college or university. The applicant must ask the appropriate testing service to send the test results directly to Graduate Studies. The process of providing all necessary records may take two months or longer.

Portfolios, letters of recommendation, and statements of goals should be sent directly to the academic unit.

Application fee

Each application for entry to West campus graduate programs must be accompanied by a nonrefundable application fee. The fee is \$50 to apply for admission to a degree program and \$50 to apply for nondegree studies.

Nondegree or degree students at the West campus who have not been enrolled for one or more semesters must apply to reenter the university in their previous degree or nondegree status. Reentry applications must be accompanied by a nonrefundable \$50 application fee.

ASU faculty and staff who are eligible for reduced tuition rates are granted waivers of the application fee.

International applicants

Applicants who will attend the university while holding F-1 or J-1 visas must meet the regulations of the Citizenship and Immigration Services (CIS) in addition to the requirements of Graduate Studies and the degree programs to which they apply.

Among the additional materials required of international students are scores from English language examinations. All applicants whose native language is not English must submit a score report from the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS). All international applicants who do not speak English as a primary language and who wish to apply for teaching assistantships must pass an examination that certifies their skill in speaking English—either the Test of Spoken English (TSE), which may be taken in the student’s home country, or the SPEAK test, which is administered at ASU’s Tempe campus Testing Services. Some degree programs also require TSE or SPEAK scores of all applicants whose native language is not English. For specific information about TSE requirements, contact directly the head of the academic unit.

As required by the U.S. CIS, international applicants must also verify that they have the financial resources to cover their expenses during graduate study at ASU. Graduate Studies provides the Financial Guarantee

form to international applicants, who then must see that the form with a verification from a bank or sponsoring organization is completed and returned to Graduate Studies. The SEVIS I-20 or the IAP66 (documents needed to obtain a student visa) are issued only after the completed, properly verified Financial Guarantee form has arrived. International students may enroll at ASU only if they have been admitted to a degree program. They must meet all appropriate immigration standards and requirements.

Applications are processed when they are received. However, international applicants should submit all materials in December or January in order to begin study the following fall semester and in August or September in order to begin study the following spring semester. An application fee of \$50 (in U.S. funds) must accompany the formal application, which otherwise is not evaluated. (See [page 104](#), “Application Fee,” in this catalog regarding multiple applications and other matters relating to the application fee.)

All F-1 or J-1 visa students must have insurance coverage against illness and accident before being permitted to register. Insurance must be maintained throughout the student’s enrollment in the university and may be obtained at the time of registration.

International applications. International applicants should submit the following *in one envelope* (clearly labeled “application”) to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

1. application
(westcgi.west.asu.edu/acadaffairs/gradstudies/);
2. application fee;

3. two copies of all college and university academic records;
4. translation of all college and university academic records;

All records must be in English. If the registrar of your institution does not issue records in English, original language records must be submitted with translations. Translations must be literal, complete versions of original records. Documents must be translated by a university or government official, not the applicant.

5. TOEFL or IELTS score;
6. appropriate test score report (e.g., GRE, GMAT); and
7. Financial Guarantee form. (This item may be submitted at a later time.)

Application deadlines

Graduate Studies does not have deadlines. Applications are processed as they are received. However, many academic units have specific and early deadlines. Applicants are urged to contact the academic units regarding deadlines.

Application procedures

When Graduate Studies has a complete file (the application, Domicile Affidavit, application fee, transcripts, and applicable national admissions test scores) for an applicant, one copy is forwarded to the academic unit. The second copy becomes part of the applicant’s permanent record. Academic units review the file and the supporting materials (such as applicable test scores, portfolios, and letters of recommendation) and, following admission policies established by Graduate Studies and the faculty of the academic unit, make a recommendation (regular admission, regular admission with deficiencies, provisional

admission, or denial) to Graduate Studies. All recommendations are reviewed and approved by admissions officers in the Graduate Studies Office. If there are questions about the likelihood of a student succeeding in the designated program, Graduate Studies admissions officers communicate with the academic unit, perhaps agreeing on a provisional admission or arranging for the student in question to have a special faculty advisor or an advanced graduate student assigned as a mentor. Other times they may suggest that the student take some preliminary courses as a nondegree student. International students, however, may enroll at ASU only if they have been admitted to a degree program and therefore may not pursue nondegree studies. They must meet all appropriate immigration standards and requirements.

Academic units, which must indicate their willingness to admit applicants, frequently set higher standards than those established by Graduate Studies. Denial decisions may be based on the limitations of program resources as well as on the relative qualifications of those competing for admission in a particular semester.

Notice of admission decisions

Only the associate vice provost for academic programs and graduate studies can make formal offers of admission. The Office of Graduate Studies notifies all applicants in writing of the admission decision.

All documents received by the university in connection with an application for admission become the property of ASU. If the applicant does not enroll in the university within one year, the admission documents may be destroyed.

Applicants are admitted into the university for the semester indicated on their admission letter and initiate their programs by registering for classes in the semester for which they were admitted. Classes taken prior to the semester of admission are considered nondegree and/or transfer credit. (See “Transfer Credit,” page 111.)

Readmission to Graduate Studies

Any former graduate student who has not been in attendance at the university for one or more semesters must submit an application for reinstatement to Graduate Studies. The application should be submitted at least one month before the beginning of the semester in which the student plans to reenter. For details on reentry and other matters relating to the application fee, see [page 104](#) of this catalog.

Admission classifications

Regular admission. Applicants who fulfill all requirements for admission and are acceptable to both the academic unit and Graduate Studies are granted regular admission.

Regular admission with deficiencies. A student whose grades and test scores are at an acceptable level but who does not have the undergraduate background expected by the academic unit and the university may be assigned deficiency courses. The letter of admission specifies the deficiencies that must be completed before the student is awarded a graduate degree. Deficiency courses are taken in addition to those normally required for a degree.

Provisional admission. A student who does not meet minimum academic standards but has counterbalancing evidence to suggest the potential for success may be admitted on a

provisional basis. Provisional admission provides an academic unit with more evidence on which to base its decision. Normally the academic unit reviews the student's status following completion of 12 semester hours of approved graduate study. At that time, the academic unit recommends to Graduate Studies a change in status to either regular admission or withdrawal from the program. When students have completed their provisional requirements, they should check with their advisors to make sure that the change of status has been recommended. A provisional student may also be assigned deficiencies.

Nondegree admission. A student not interested in earning a degree or not yet ready to apply to a particular degree program may enroll as a nondegree student. The application process is streamlined, does not require submission of transcripts or test scores, and can be completed during a single visit to the Admissions and Registration Services office or the Office of Graduate Studies. This process may also be completed by mail.

A maximum of nine hours taken at ASU while in this category may be applied toward a master's degree at ASU if appropriate for the student's program of study. The six-year maximum time limit applies to nondegree semester hours appearing on a master's program of study, see [page 115](#).

Graduate Studies Policies and Procedures

Change in graduate degree program

A change from one graduate degree program to another requires a new application to Graduate Studies. The usual admission procedures are followed. For details on matters relating to the application fee, see [page 104](#) of this catalog.

Determination of catalog requirements

In determining graduation requirements, a student may use only one catalog. A student graduates under the curriculum, course requirements, and regulations for graduation in effect at the time of admission to a graduate degree program at ASU. A student may also choose to graduate under any subsequent catalog issued.

Some changes in policies and procedures affect all students regardless of the catalog used by the student. These policies and procedures may appear in the catalog or in other university publications.

Registration

Graduate students, like all university students, register during the intervals indicated in the *Schedule of Classes*. Details regarding registration and course drop-add procedures are also provided in the current *Schedule of Classes*. Day and evening graduate classes, offered on or off campus, during the two regular semesters and the summer sessions, are considered part of the regular program.

Audit enrollment

Graduate students may register as auditors in one or more courses; see the academic unit's graduate advisor for more information. The student must be registered properly and pay the fees for the course. An audited course is counted in the student's maximum course load. It does not count for students who must

take a minimum number of credits, e.g., graduate assistants or students receiving financial assistance. The mark of "X" is recorded for completion of an audited course, unless the instructor determines that the student's participation or attendance has been inadequate, in which case a "W" may be recorded.

Summer sessions

Work taken during the summer sessions carries the same scholastic recognition as that taken during the regular semester. A complete schedule of offerings is available in the *Summer Sessions Schedule of Classes*, which may be obtained from the Registration Services office.

Course load

The course load is determined by the student's advisor but is not to exceed 15 semester hours of credit during each of the two semesters, seven semester hours during each five-week summer session, or nine semester hours of credit during an eight-week summer session. An audited course is counted in the student's maximum load.

All graduate assistants and associates must enroll for a minimum of six semester hours during each semester (fall and spring) of their appointment. The six hours cannot include audit enrollment. Enrollment in continuing registration (595 or 695) does not fulfill the six-hour requirement. A half-time (50%) graduate assistant or associate working 20 clock hours per week may not register for more than 12 hours of course work each semester; a third-time (33%) assistant or associate for more than 13 hours; and a quarter-time (25%) assistant or associate for more than 15 hours.

During the summer sessions, graduate assistants employed 25% time may enroll for a maximum of six semester hours during a five-week session or nine hours during the eight-week session; those employed 50% time may enroll for a maximum of five hours during a five-week session or seven hours during the eight-week session; and those employed 100% time may enroll for a maximum of three hours during a five-week session or four hours during the eight-week session.

All graduate students doing research, working on theses, taking comprehensive examinations, or using university facilities or faculty time must be registered for a minimum of one semester hour of credit (not audit) that appears on the program of study or is an appropriate graduate-level course, such as 595 or 695 Continuing Registration.

Summer course loads. The maximum load for each five-week session is seven semester hours and nine semester hours for an eight-week session. The student registering for any combination of sessions may not exceed a total of 14 semester hours.

Course withdrawal

During the first ten weeks of a semester, or the first three weeks of a summer session, a student may withdraw from any course with a mark of “W.”

Failure to withdraw officially from a course results in a grade of “E” (0.00), which is used in the computation of the GPA. The *Schedule of Classes* lists the procedures for withdrawal.

An instructor may withdraw a student from a class with a mark of “W” or a grade of “E” (0.00) for disruptive classroom behavior. A student may appeal an instructor-initiated withdrawal to the standards committee of the unit in which the course is offered. The decision of the committee is final.

Withdrawal from the university

A graduate student who does not enroll for one calendar year is considered withdrawn and must reapply for admission to a degree program.

In order to withdraw from all classes after having paid registration fees, a student must initiate a complete withdrawal from the university online at ASU Interactive (www.asu.edu/interactive), by SunDial at (480) 350-1500, or in person at Registration Services. A student may withdraw from all courses with marks of “W” through the semester/session transaction deadline (i.e., the last day of instruction for the semester or session). Until officially withdrawn, the student is registered in all courses and, at the end of the semester, receives grades appropriate for the performance in each course.

Academic integrity

The highest standards of academic integrity are expected of all students. The failure of any student to meet these standards may result in suspension or expulsion from the university and/or other sanctions as specified in the academic integrity policies of the individual colleges.

Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism, or facilitating such activities.

The university academic integrity policies are available in the Graduate Studies Office.

Misconduct in scholarly research and creative activities

Students are expected to maintain the highest standards of integrity and truthfulness in scholarly research and creative activities. Misconduct in scholarly research and creative activities includes, but is not limited to, fabrication, falsification or misrepresentation of

data, and plagiarism. Misconduct by any student may result in suspension or expulsion from the university and other sanctions as specified by the individual programs. Policies on misconduct are available in the Graduate Studies Office.

Policies and procedures of the Graduate Council Appeals Board at the West campus (GCAB)

The Graduate Council Appeals Board at the West campus (GCAB) acts as the appeals body for graduate students seeking redress on academic decisions regarding their graduate program. Before initiating an appeal, the graduate student should fully use all other appeal and review procedures in the academic unit or academic college.

The GCAB will review written appeals of graduate students concerning:

1. retention in graduate programs (with the limitations described below),
2. procedural matters in graduate student programs (e.g., procedures relating to programs of study, supervisory committee, thesis, dissertation, preliminary or comprehensive exams), or
3. other academic issues that are not covered by other university policies or processes.

The GCAB does not review appeals of course grades, allegations of academic dishonesty or scientific misconduct, matters relating to employment or assistantships, or allegations of discrimination. The GCAB normally will not review appeals related to application of department and program policies regarding satisfactory academic progress and performance. These include GPA requirements, time limits, comprehensive exam results, and other performance meas-

ures related to continuance in or dismissal from a program. **Students should be aware of courses of action for other issues:**

1. Grade appeals are subject to review by the dean of the academic college as outlined in the “General Academic Policies” section of this catalog under “Grade Appeals,” [page 51](#).
2. Allegations of academic dishonesty are subject to review under the ASU Student Academic Integrity Policy.
3. Allegations of scientific misconduct are subject to review under ASU policy RSP 111 (“Misconduct in Research”) in the *Research and Sponsored Projects Policy and Procedures Manual*.
4. Allegations of discrimination should be directed to the ASU Office of Equal Opportunity/Affirmative Action.

The “Guidelines for Graduate Appeals” describing further the GCAB appeal procedures, process, and jurisdiction are available from the Graduate Studies and Academic Programs office and on their website at westcgi.west.asu.edu/acadaffairs/gradstudies/.

Graduate Studies Degree Requirements

Graduate advisement

Advising is much more than technical support; it is an integral part of graduate education. Students' programs of study are generally tailored to meet individual needs, and students should seek advice from faculty or advisors as they plan their course work, examinations, and other degree requirements.

Student responsibility

It is the responsibility of the graduate student to know and observe all procedures and requirements of Graduate Studies as defined in this catalog and the *Schedule of Classes*. Each student should also be informed about the requirements concerning the student's degree program and any special requirements within the academic unit.

Admission to all master's degree programs

Students wishing to enroll in a master's program at ASU's West campus are admitted according to the procedure described on [pages 103-107](#) (see also specific program descriptions). Since graduate work presupposes adequate preparation in a selected field at the undergraduate level, deficiencies are specified at the time of admission by the academic unit involved.

Transfer credit

Transfer of credit is the acceptance of credit from another institution for inclusion in a program of study leading to a degree awarded by ASU at the West campus. The number of hours transferred from other institutions may not exceed 20% of the total minimum semester hours required for a master's degree unless stated otherwise for a specific degree program.

Transfer credit taken before admission to a graduate degree program at ASU is nondegree credit. Nondegree credit taken at ASU combined with transfer credit taken at another institution may not exceed nine hours on the master's program of study.

Transfer credits must be acceptable toward graduate degrees at the institution where the courses were completed. Certain types of graduate credits cannot be transferred to ASU, including the following:

1. credits awarded by postsecondary institutions in the United States that lack candidate status or accreditation by a regional accrediting association;
2. credits awarded by postsecondary institutions for life experience;
3. credits awarded by postsecondary institutions for courses taken at noncollegiate institutions (e.g., government agencies, corporations, and industrial firms);
4. credits awarded by postsecondary institutions for noncredit courses, workshops, and seminars offered by other postsecondary institutions as part of continuing education programs; and
5. credits given for extension and correspondence courses.

Acceptable academic credits earned at other institutions that are based on a different unit of credit than the ones prescribed by the Arizona Board of Regents are subject to conversion before being transferred to ASU.

Graduate Studies policy does not permit credits used for completion of a degree at another institution to be applied toward completion of a degree of equal or lower level at ASU. For transfer hours to be used toward the completion of a program of study, stu-

dents must provide evidence that these hours were not counted toward a previous degree.

Only resident graduate courses with a grade of “B” (3.00) or higher may be transferred. A course with the grade of pass, credit, or satisfactory may not be transferred.

Official transcripts of any transfer credit to be used on a program of study must be sent directly to Graduate Studies from the office of the registrar at the institution where the credit was earned.

Correspondence and extension courses.

Correspondence and extension courses cannot be used to meet the requirements for a graduate degree.

Credit requirements

A minimum of 30 semester hours of graduate work approved by a student’s advisor and Graduate Studies is required. More than 30 semester hours are required in certain programs.

Program of study

Upon receiving regular admission status the student should contact appropriate faculty and/or academic advisors. Such advising contact helps students form a committee (when applicable) and create an official Program of Study. The student must complete and file a Program of Study before one-third of the semester hours required for the graduate degree program are completed. The Program of Study must be approved first by the faculty and/or academic advisor, then the director of the graduate studies program, and finally by the associate vice-provost for academic programs and graduate studies.

Courses appearing on an approved West campus graduate degree Program of Study must be 500 or higher, except one 400 level course may be included on the Program of Study.

The faculty and/or academic advisor, the director of the graduate studies program, and the associate vice-provost for academic programs and graduate studies must also approve changes to the Program of Study.

Forms for the submission of the Program of Study are available in the Graduate Studies Office (FAB S301) and on line at <http://westcgi.west.asu.edu/acadaffairs/gradstudies/forms.cfm>.

Students who have not filed a Program of Study in compliance with the one-third rule will be prevented from further registration.

A student may not apply for the comprehensive or final examination until a Program of Study has been approved and any foreign language requirement completed.

Grading

<u>Grade</u>	<u>Definition</u>	<u>Value</u>
A+	–	4.33 ¹
A	Excellent	4.00
A-	–	3.67
B+	–	3.33
B	Good	3.00
B-	–	2.67
C+	–	2.33
C	Passing	2.00
D	No graduate credit	1.00
E	Failure	0.00
I	Incomplete	–
W	Withdrawal ²	–
X	Audit	–
Y	Satisfactory	–
Z	Course in progress ³	–

¹ Although the scale includes a grade of A+ with a value of 4.33, the cumulative GPA is capped at 4.00.

² A grade of “W” is given whenever a student officially withdraws.

³ This grade is usually given pending completion of courses such as practicum, research, applied project, and thesis (580, 680, 692, 593, 693; and 599).

A grade of “P” (pass) in a 400 level course may not appear on a program of study. Grades of “D” (1.00) and “E” (0.00) cannot be used to meet the requirements for a graduate degree, although they are used to compute the GPAs. A student receiving a grade of “D” (1.00) or “E” (0.00) must repeat the course in a regularly scheduled (not an individualized instruction) class if it is to be included in the program of study. However, both the grade of “D” (1.00) or “E” (0.00) and the new grade are used to compute the GPAs. Grades on transfer work or ASU law credit are not included in computing GPAs.

Graduate course work (500 and 600 level courses) reported as an “I” (incomplete) must be completed within one calendar year. At the time the “I” grade is given, the student must complete a “Request for Grade of Incomplete” form. The form first serves as a record of the “I” grade and the work required to complete it. When the student has completed the work, the form then serves as a change-of-grade authorization.

If the work specified on the form is not completed within one calendar year, the “I” grade (500 and 600 level courses) becomes part of the student’s permanent transcript. The student is not allowed to complete the course work as specified on the “Incomplete” form. The student may, however, repeat the course after the “I” has become permanent, by reregistering, paying fees, and fulfilling all course requirements. The grade for the repeated course appears on the transcript but does not replace the permanent “I.”

Repeating ASU courses. Graduate students (degree or nondegree) may retake any courses at any level at ASU, but all grades remain on the student transcript as well as in GPA calculations.

Standards and retention

To be eligible for a degree, a student must achieve two GPAs of “B” (3.00) or better. The first GPA is based on all courses numbered 500 or higher that appear on the transcript. (Courses noted as deficiencies in the original letter of admission are not included.) The second GPA is based on all courses that appear on the program of study.

The designation of academic recognition (*summa cum laude*, *magna cum laude*, and *cum laude*) is reserved for undergraduates. Graduate Studies does not use these academic distinctions.

Academic excellence is expected of students doing graduate work. Upon recommendation from the head of the academic unit, the associate vice provost for academic programs and graduate studies can withdraw a student who is not progressing satisfactorily.

Graduate credit courses

Courses at the 500 and 600 levels are graduate credit courses. Courses at the 400 level apply to graduate degree requirements when appearing on an approved program of study. However, 400 level courses are not graduate courses by definition and cannot be certified as such for purposes of employment or transferring to other institutions.

Reserving of course credit by undergraduates.

Seniors at ASU within 12 semester hours of graduation may enroll in a 400 level or graduate course and reserve the credit for possible use in a future graduate program. The course cannot be used to meet a baccalaureate graduation requirement. Before registration in the class, the student must submit a Graduate Studies Petition form requesting credit reservation; the form must be signed by the student’s advisor, the head of the academic unit offering the class, and

the associate vice provost for academic programs and graduate studies.

Permission to reserve a course does not guarantee admission to a graduate degree program or that the course may be used toward graduate degree requirements. A maximum of nine hours of credit may be reserved, and only courses with a grade of “B” (3.00) or higher are applicable. Reserved credit earned before admission to a graduate degree program is classified as nondegree credit. The maximum course load for a student enrolled in a reserved course is 15 semester hours during a regular semester and six hours during a summer session.

College of Law credit

Graduate Studies accepts a numerical grade of 70 or above for courses taken in the College of Law at ASU as part of an approved program of study for a master’s degree program. These grades are not used in the two GPAs calculated for graduation: the courses on the program of study and all courses numbered 500 and above.

A maximum of six semester hours taken in the College of Law may be included in a 30-hour program of study for a master’s degree. For a 36-45 hour program, the number of hours is limited to a maximum of nine semester hours of course work in the College of Law.

Comprehensive examinations

A comprehensive examination, written, oral, or both, administered by the academic unit, is required in all professional master’s programs that do not have a thesis or equivalent requirement. A comprehensive examination is optional in other programs. Students are not eligible to apply for the comprehensives equivalent until they have been regularly admitted, have filed an approved program of

study, removed any deficiencies, and fulfilled any foreign language requirements. Students are required to register for at least one hour of credit that appears on the program of study or one hour of appropriate graduate-level credit (such as Continuing Registration 595 or 695) during the semester or summer session in which they take their comprehensive examinations. Failure in the comprehensive examination is considered final unless the graduate academic advisor and the head of the academic unit recommend, and the associate vice provost for academic programs and graduate studies approves, a re-examination. Only one re-examination is permitted. A re-examination may be administered no sooner than three months and no later than one year from the date of the original examination.

Graduation

The student is eligible for graduation when all course work is successfully completed, the Graduate Studies scholarship requirements have been met, any required comprehensive examinations have been passed, and have been approved by the graduate academic advisor and accepted by the head of the academic unit and the associate vice provost for academic programs and graduate studies.

Application for graduation. Students should apply for graduation no later than the date specified in the “University Calendar,” see [pages 3-4](#). All fees are payable at that time. Students applying for graduation after the deadline are required to pay a late fee. At the end of the semester in which they apply for graduation, students are officially notified of any requirements for their degree that they have not yet completed. Students who do not complete all degree requirements by their anticipated graduation date are required to pay a refiling fee.

Maximum time limit

Unless stated otherwise for a specific degree program, all work offered toward a master's degree must be completed within six consecutive years. The six years begin with the first course included on a student's approved program of study. For example, if the first course listed was taken fall semester 2000, the student must complete all requirements by August 2006. The six-year maximum time limit applies to nondegree transferred semester hours appearing on a program of study.

Withdrawal policy

A master's degree student who does not enroll for one calendar year is considered withdrawn and must reapply for admission to a degree program.

Programs leading to two master's degrees

A student may pursue concurrent master's degrees or a second master's degree provided that a maximum of one-sixth of the minimum total semester hours required for the completion of both degrees is common to

the two programs of study. The total number of hours common to both degree programs may vary from this maximum value only when the Graduate Council at the West campus (GWC) has formally approved coordinated degree programs.

In all cases these guidelines must be followed:

1. course work common to both programs must constitute a well-planned and meaningful part of each of the programs;
2. the course work common to both programs may not include Thesis (599) or Research (592) credits leading to the thesis or equivalent in either degree program;
3. graduate credit transferred from another institution may be applied toward only one degree program; and
4. when the two degree programs are pursued at the same time, they must have the approval of both heads of the academic units involved.

Research and Teaching Assistantships, Scholarships, and Loans

Application procedure

Since it is necessary for all applicants to be admitted to degree programs before awards are made, students should apply for admission through Graduate Studies at the same time they apply for financial assistance.

Definitions

The following definitions are provided to assist in interpreting awards. “Resident tuition” refers to the fee charged to all students who register for classes at ASU. “Nonresident tuition” refers to additional charges assessed to nonresidents.

Assistantships and associateships

Appointments as research or teaching assistants (RAs & TAs) and associates are available in most academic units offering graduate work to students admitted with regular status. Students who have completed a master’s degree or the equivalent may be considered for graduate associateships when available.

A number of academic units administer assistantships under research programs sponsored and supported by government, industry, and foundations. Inquiries concerning requirements and deadlines as well as applications should be sent to the head of the appropriate academic unit.

Research and teaching assistants and associates are treated as residents for tuition purposes. To be eligible, RAs and TAs must be 25 percent FTE or more and their first working day must occur before the end of the first five days of instruction during the semester in question. RAs and TAs also receive partial resident tuition waivers/remission, and RAs/TAs at 50 percent FTE are

eligible for university-provided student health insurance.

Course load requirements for research and teaching assistants and associates are detailed on [pages 108-109](#).

Assistantships, associateships, and commercial services

All graduate students who are hired for class/course support or who hold assistantships or associateships *for a specific course*—including teaching assistants, research assistants, and graduate assistants—may not take or provide notes for *that* course to commercial notetaking services or students. An exception may be made by the course instructor(s) on a case-by-case basis as an authorized support service for a disabled student. This policy covers all commercial activities (e.g., notetaking and paid review sessions) that might be associated with a course for which the assistant/associate has assigned responsibilities.

Scholarships

Graduate Studies Awards for Tuition. Graduate Studies Awards for Tuition (GSAT) are available on a competitive basis to graduate students with outstanding academic records. This scholarship covers the *resident tuition only (not nonresident tuition)* and is granted for the academic year or one semester only (not including summer sessions). Applicants must be regularly admitted to a graduate degree program; continuing students must also be in good standing (3.00 postbaccalaureate GPA at ASU). A graduate student may be nominated for this scholarship by the head of the student’s academic unit. Application forms and further information may be obtained from each academic unit. Graduate Studies does not accept direct applications.

Applicants must meet deadlines established by the academic units and Graduate Studies.

Seeking Talent, Expanding Participation, Unleashing Potential. Seeking Talent, Expanding Participation, Unleashing Potential (STEP-UP) awards are available on a competitive basis to graduate students with outstanding academic records; granted for the academic year or one semester only (not including summer sessions). Applicants must be regularly admitted to a graduate degree program; continuing students must also be in good standing (3.00 postbaccalaureate GPA at ASU). Application forms and further information may be obtained from each academic unit. Applications should be completed and returned to the academic unit. Graduate Studies does not accept direct applications. Applicants must meet deadlines established by their academic unit and Graduate Studies.

Other forms of scholarship support. Students are encouraged to contact the academic unit in which they intend to study to determine if other sources of support are available.

The Division of Graduate Studies publishes *E-Communiqué* at www.asu.edu/graduate/ecom/, a newsletter listing current grant and scholarship information. The college also maintains a file and some reference books and posts announcements of national and regional scholarships for which students may be eligible. Announcements are available for review in Center Lobby, Wilson Hall at ASU's Tempe campus. Funding source information is available on reserve at Hayden Library.

Loans

Loans are available to students enrolled in graduate programs to meet reasonable educational expenses. Inquiries should be directed to Financial Aid Services, University Center Building 120, (602) 543-8178.

College of Human Services



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Communication and Human Relations*
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Interim Dean:
Lesley Di Mare, PhD

Location:
FAB S105A
(602) 543-6600

College website:
www.west.asu.edu/chs/

Professors:
Andereck, Gitelson, Knopf,
Lowe, Morris, Searle,
V. Waldron, Webb

Associate Professors:
Bernat, Britt, Di Mare,
Fitzpatrick, Haarr,
Hultsman, Kassing, Katz,
Kelley, Nadesan, Ramsey,
Wise, Zorita

Assistant Professors:
G. Armstrong,
T. Armstrong, Bushfield,
Farone, Griffin, Gruber,
Langer, Limb, McCabe,
Meân, Nadir, Rodriguez,
Schnebly, Shaffer, Shome,
Whitlock

Lecturers:
Burk, Ealy, French, Lietz,
Montano, K. Waldron

Purpose

The College of Human Services serves students and our community by combining forward-reaching education with world-class faculty who interact with private and public sectors to stimulate positive change in varied social settings. The College focuses on expanding research and influence in areas of violence prevention, lifelong learning, quality of life issues, communication assessment, and advocacy and leadership effectiveness.

The College of Human Services offers eight degree programs:

BA, BS	Communication Studies
BS	Criminal Justice and Criminology
BS	Recreation and Tourism Management
BSW	Social Work
MA	Communication Studies
MA	Criminal Justice
MSW	Social Work

In addition, West campus students can secure a degree in Nursing (BSN) by taking courses “hosted” by Human Services but administered by the ASU College of Nursing. The College of Human Services offers a multidisciplinary Certificate in Gerontology and a Postbaccalaureate Certificate in Communication and Human Relations. Students can also acquire minors in Communication Studies, Public Relations and Strategic Communications, Gerontology, Prelaw, Special Events Management, and Tourism Management. Students should consult the College of Human Services web pages for additional information at www.west.asu.edu/chs/.

Baccalaureate degree programs

Admission. Admission to programs in Communication Studies, Criminal Justice and Criminology, Recreation and Tourism

Management, or Social Work requires a minimum cumulative GPA of 2.00, and whatever additional requirements the respective programs impose.

Transfer students. Any person applying for admission or transfer to the Communication Studies or Criminal Justice and Criminology programs is admitted as a major of that program. A student applying for admission to the Social Work or Recreation and Tourism Management programs must meet the requirements identified in the respective academic program sections that follow.

Degree requirements. Students seeking a baccalaureate in a Human Services major must successfully complete 120 semester hours of college course work, fulfill all university degree requirements, and complete the specific requirements of the degree program. Specific degree requirements are explained under the respective academic program sections that follow.

Master's degree programs

Information regarding university requirements, including admission policies and procedures are explained within the “Graduate Studies” section of this catalog. Specific degree requirements are explained under the respective academic program sections that follow.

Special grading options

The College of Human Services grades some courses, internships, field experiences, and individualized instruction on a satisfactory/fail basis. Students who successfully complete these experiences receive a “Y” grade. Such grades are acceptable for meeting program requirements, but these grades are not computed in the GPA.

The Department of Communication Studies offers Bachelor of Arts and Bachelor of Science Degrees in Communication Studies, undergraduate Minors in Communication Studies and Public Relations and Strategic

Communication, the Master of Arts Degree in Communication Studies, and a Postbaccalaureate Certificate in Communication and Human Relations.

Bachelor of Arts and Bachelor of Science Degrees in Communication Studies

Nature of program

The Department of Communication Studies prepares students to enter the global age with competencies necessary to become active participants in democratic life. Because few phenomena are as central to society as communication, students in our program have the opportunity to achieve critical understanding of their increasingly international, multicultural, gendered worlds. Using scientific, interpretive, rhetorical, and critical research approaches, graduates learn to produce, analyze, and critique social and cultural information created by the practices of communication. Understanding communication's centrality in human experience brings a rich variety of material into the student's view. Contexts for studying communication include diversity, media, public influence, critical/rhetorical inquiry, personal relationships, and social organizations.

Career outlook

Our academic and scholarly focus on the criticism of communicative practices across various conditions prepares students well for a multitude of vocations in an increasingly complex world. Conceptualizing the world as one overflowing with meanings related to diverse social groups, identities, and relation-

ships, students of communication are able to think critically about how meaning is made, how meaning can be made to change, and how communication fosters democratic ideals for the workplace and the world. Thus, the successful graduate will be able to work productively with other people, assimilate, organize, and analyze information, solve problems, make effective presentations, and show potential for leadership. The program prepares students for advanced education, advancement toward careers in teaching, counseling, law, and medicine, and various careers and professions, including:

- training and development
- public relations
- public administration
- public office
- public advocacy
- speech writer
- lobbyist
- research
- advertising
- mediation
- customer relations
- human resources
- health and human services
- international service
- fund-raising
- the ministry

Admission requirements

A minimum GPA of 2.00 is required for entrance into the major and for enrollment in all upper division courses.

Major requirements

Of the minimum required 48 semester hours, majors must complete nine semester hours of program core courses, 18 semester hours of selected coursework across competency-based categories (all of which must be upper division, and nine hours of which must be at the 400-level), and 21 hours of elective coursework (up to nine hours of which may be lower division). COM 484 and 499 may not be used to satisfy selected course work requirements but may fulfill elective coursework requirements. Students seeking the Bachelor of Science degree must complete one lower division statistics course and one additional upper division statistics course. All courses must be completed with a minimum grade of “C” (2.00).

Required coursework (9 hours)

COM 225 Public Speaking (L)
COM 308 Empirical Research Methods in Communication (L)
COM 309 Rhetorical, Interpretive, and Critical Methods in Communication

Selected upper division coursework (18 hours)

Students are required to complete one course from each of the six categories below, nine hours of which must be at the 400-level:

Diversity

COM 316 Gender and Communication (C)
COM 371 Cross-Cultural Communication Perspectives (G)
COM 394 Special Topics (only as designated by instructor)
COM 416 Gender, Race, Colonialism, and Media
COM 463 Cultural and Intercultural Communication Theory and Research (SB, G)
COM 465 Intercultural Communication Workshop
COM 471 International Communication (G)
COM 494 Special Topics (only as designated by instructor)

Media Literacy

COM 324 Rhetoric and Media Criticism
COM 394 Special Topics (only as designated by instructor)
COM 424 Television Studies and Criticism
COM 429 Semiotics and Visual Communication
COM 457 New Media
COM 494 Special Topics (only as designated by instructor)

Public Influence Processes

COM 325 Advanced Public Speaking
COM 329 Persuasion
COM 353 Professional Communication
COM 394 Special Topics (only as designated by instructor)
COM 414 Crisis Communication
COM 454 Rhetorical and Critical Approaches to Public Relations
COM 494 Special Topics (only as designated by instructor)

Critical/Rhetorical Inquiry

COM 321 Rhetorical Theory and Research (L/HU)
COM 394 Special Topics (only as designated by course instructor)
COM 421 Rhetoric of Social Issues (HU)
COM 422 Argumentation, Critical Reasoning, and Public Communication (L)
COM 456 Political Communication
COM 494 Special Topics (only as designated by instructor)

Relational Interaction

COM 310 Relational Communication
COM 312 Communication, Conflict, and Negotiation
COM 394 Special Topics (only as designated by course instructor)
COM 410 Interpersonal Communication Theory and Research (SB)
COM 411 Communication in the Family (SB)
COM 417 Communication and Aging
COM 475 Nonverbal Communication Theory and Research
COM 494 Special Topics (only as designated by instructor)

Social Organizations

COM 320 Communication and Consumerism (SB)
COM 394 Special Topics (only as designated by course instructor)
COM 430 Leadership in Group Communication
COM 450 Theory and Research in Organizational Communication (SB)
COM 451 Employee Participation Processes in Organizations
COM 453 Communication Training and Development
COM 494 Special Topics (only as designated by instructor)

Communication electives (21 hours). Select COM electives in consultation with a faculty advisor. A maximum of nine hours may include COM 100 and courses at the 200-level.

Other requirements. In addition to the above listed requirements, students must satisfy the General Studies Program requirements. Students should consult their advisors for current information concerning College of Human Services and the Communication Studies Program courses applicable to General Studies requirements.

Minor in Communication Studies

The minor consists of 18 credit hours of Communication Studies courses. Students wishing to pursue a minor must meet with a Communication Studies faculty advisor to construct a minor that reflects a particular area of specialty and interest. At least 12

semester hours must come from upper division courses. To graduate with the minor, students must earn a minimum cumulative GPA of 2.00 in Communication Studies courses. All courses must be passed with a minimum grade of “C” (2.00).

Minor in Public Relations and Strategic Communications

The Public Relations and Strategic Communications will provide students with professional and academic expertise in persuasion and campaign communication, public relations, crisis communication, special events planning, marketing, professional writing, and editing (among other areas). Additionally, students will have the opportunity to refine their presentational skills needed for public and community relations.

Program Requirements

The minor consists of 18 semester hours upper division coursework, including six semester hours of required course work, an internship, and nine semester hours of electives.

Required core courses (6 hours)

Select two of the following three courses:

- COM 320 Communication and Consumerism
- COM 329 Persuasion
- COM 454 Rhetorical and Critical Approaches to Public Relations

Required internship (3 hours)

COM 484 Internship

Electives (9 hours)

Select courses from the following in consultation with an advisor

- COM 353 Professional Communication
 - COM 414 Crisis Communication
 - COM 453 Communication Training and Development
 - ENG 301 Writing for the Professions
 - ENG 311 Persuasive Writing
 - ENG 412 Writing for Publication
 - MKT 301 Fundamentals of Marketing
 - MKT 410 Consumer Behavior
 - REC 404 Marketing Recreation and Tourism
 - REC 486 Special Events Management
- Or other approved courses

Postbaccalaureate Certificate in Communication and Human Relations

Nature of program

The contemporary workplace increasingly requires employees to develop advanced knowledge and skill in the processes of communication. This observation is based on several long-term trends. First, the increasing popularity of team-based organizational structures requires employees to develop competencies in group communication, nego-

tiation, and conflict management. Second, the tendency toward decentralization of decision-making in contemporary organizations requires leaders and followers to rely more heavily on persuasion and communication and less heavily on traditional structures and position power. Third, the need for organizations and governments to be more responsive to an increasingly diverse set of citizens and cus-

tomers requires competencies in cross-cultural communication, audience analysis, and message development. Fourth, rapidly developing communication technologies can be exploited only when employees are knowledgeable about the capabilities, limitations, and ethical implications of traditional and emerging media. Fifth, modern organizations are increasingly required to be responsive to the social, ethical, and environmental concerns of local communities. The program in Communication and Human Relations provides an individualized program of coursework for advanced students and employees seeking to stay abreast of these trends.

The certificate program is designed for working professionals in communication-intensive fields such as public affairs, employee relations, mediation, organizational development, public relations, training and development, community relations, customer relations, media relations, change management, sales and sales management, marketing, public administration, event planning, and health communication.

Admission requirements

To be admitted to the Postbaccalaureate Certificate in Communication and Human Relations, an individual must:

1. possess a four-year baccalaureate degree from a regionally accredited college or university;
2. be admitted to ASU's West campus as a nondegree graduate student; and
3. have completed the following college-level courses with a grade of "C" (2.00) or better in each course:
 - a. Quantitative, qualitative, or critical research methods (three semester hours)

- b. Oral communication performance (200 level or above) (three semester hours)

Program requirements

The certificate requires completion of 18 semester hours of upper division coursework in Communication Studies and related disciplines.

Focused Coursework. In consultation with a faculty advisor, students will design a program of study comprised of five courses (15 semester hours) focused in an area of human relations, such as employee communications, interpersonal relations, community relations. Course selections will be made from the following:

- COM 410 Interpersonal Communication
- COM 411 Communication in the Family
- COM 414 Crisis Communication
- COM 417 Communication and Aging
- COM 421 Rhetoric of Social Issues
- COM 430 Leadership in Group Communication
- COM 450 Theory and Research in
Organizational Communication
- COM 451 Employee Participation Processes in
Organizations
- COM 453 Communication Training and Development
- COM 456 Political Communication
- COM 457 New Media
- COM 494 Special Topics
- Other approved substitution

Capstone Project. Students are required to complete an independent research project (supervised by a faculty member) on a communication topic related to their professional or research interests. The project should reflect the integration and application of coursework to a social or organizational problem. The scope and quality of the written report will be appropriate for post-baccalaureate students. A minimum of three semester hours of COM 499 Individualized Instruction is required.

Nature of program

The Master of Arts Degree in Communication Studies provides students with advanced analytical, oral, and written communication skills applicable in today's technological and information-based society. The program blends theoretical and practical perspectives concerning communication and advocacy in public and private communication settings.

Career outlook

In today's technological and information-based society, advanced degrees that educate and train individuals in analytical, oral, and written communication skills make graduates suitable for a variety of occupations. National statistics indicate that the average American will experience at least four different occupations during his or her lifetime.

Graduate degrees in communication studies are among few degrees that blend the best attributes of a professional degree (training in specific areas and skills for particular vocations) with the best attributes of a liberal arts degree (ability to think critically, conceptualize new theories, and apply skills across a variety of occupational situations and challenges). This blend of intellectual skills is of great social and community consequence with respect to advocacy and social justice.

Admission

Admission to the program is competitive, based on applicant's undergraduate scholarly activities and research abilities, and professional experience. All applicants must submit the following:

1. a completed application and official transcripts of all undergraduate and graduate work;

2. a 500-word personal statement indicating professional goals and addressing how the program will aid in the achievement of those goals;
3. official Graduate Record Examination (GRE) scores;
4. three letters of recommendation, up to two of which may come from appropriate professional, non-academic sources.
5. a writing sample of scholarly work or an example of professional activities (i.e., technical reports, grants, creative campaign); and
6. a minimum test score of 450 on the Test of English as a Foreign Language and a minimum score of 220 on the Test of Spoken English for all applicants who are non-native English speakers.

Application. The application, application fee, transcripts, and official GRE scores (sent by ETS) should be sent to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

Letters of recommendation, a resume, personal statement, and writing sample must be sent to:

Director of Graduate Studies
Department of Communication Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

The completed application including all supporting material must be received prior to consideration for admission. The suggested application deadline is the second Tuesday in April for fall semester.

Program requirements

The Master of Arts Degree in Communication Studies consists of 36 semester hours of coursework at the 500 level or above, including:

1. COM 502 Theory and Practice in Communication and Persuasion
2. COM 505 Methods in Applied Communication Research
3. COM 506 Humanistic Inquiry and Field Research
4. at least 21 semester hours of electives selected in consultation with the student's program advisor. When appropriate, students may take up to six semester hours outside the department.
5. a thesis (6 hours) or applied project (6 hours), or a written comprehensive examination plus six semester hours of coursework.

Additional requirements

COM 502, 505, and 506 must be completed with a grade of "B" (3.00) or better. In addition, the student must earn a cumulative GPA of 3.00 or better in all courses numbered 500 or higher that appear on the transcript and all courses that appear on the program of study.

Each student's program of study is the mutual responsibility of the student and his/her advisor. Students will be permitted to take comprehensive examinations only concurrent with or subsequent to completion of

their 36th semester hour of coursework. Students who choose to complete the thesis or applied project option will be permitted to register for thesis or applied project semester hours only concurrent with or subsequent to completion of their 24th semester hour of coursework.

Thesis or Applied Project. The thesis or applied professional project must demonstrate intellectual, academic, and/or professional growth and ability. The prospectus and thesis or applied project will be supervised and approved by the student's advisor and committee. An oral defense is required for the thesis or applied project.

Descriptions of current program options and requirements are available from the Department of Communication Studies office in the Faculty and Administration Building S116-1.

Research activity

Faculty in the Department of Communication Studies investigate the various ways in which communication shapes social contexts, constructs people's realities, and constitutes human relationships. Collectively our work explores the connection between communication and advocacy in diverse social settings. To achieve this aim departmental scholars call upon rhetorical, philosophical, critical, cultural, postcolonial, feminist, and social scientific approaches to address issues related to justice and community. For more details, visit the department's website at: www.west.asu.edu/chs/comm/.

The Criminal Justice and Criminology Department offers the Bachelor of Science Degree in Criminal Justice and Criminology and the Master of Arts Degree in Criminal

Justice to accommodate the needs of one of the most rapidly growing academic and professional fields in the United States.

Bachelor of Science Degree in Criminal Justice and Criminology

Nature of program

The program provides a social science, interdisciplinary perspective to the study of the administration of justice. The focus is on the policies and practices of criminal justice system components including law enforcement, corrections, and the courts. Students are exposed to the criminal law and its origins, patterns and theories of crime and crime analysis, and the body of research based literature that examines and evaluates contemporary criminal justice practice.

The Criminal Justice and Criminology curriculum offers students a solid foundation of courses that provide the content, analytical, and communication skills required for working in complex criminal justice occupations. The program also prepares students to enter into graduate studies and exposes students considering law school to substantive and procedural criminal law.

During their senior year, students are encouraged to complete an internship in a justice-related placement. CRJ 484 Internship in Criminal Justice and Criminology has been designed to provide the student with a well-rounded learning experience in an experiential setting. It involves a three-way partnership among students, the department, and cooperating

institutions. It is guided by a set of goals and objectives that are based on the needs and resources of those involved. The intern's goals and objectives are developed with the assistance of the internship coordinator and the cooperating agency supervisor. They represent skills and competencies that can be reasonably accomplished during the internship period.

Career outlook

The Criminal Justice and Criminology Department provides an interdisciplinary approach to understanding issues related to the field of criminal justice. Societal concern about issues of crime, crime prevention, and victimization necessitate that state and federal monies be devoted to the field of criminal justice. Consequently, this field is one of the fastest growing areas of employment.

Graduates of the Criminal Justice and Criminology program find employment in both the public and private sector. Employment opportunities exist in the areas of law enforcement, probation, parole, corrections, private security, court personnel, legal offices, and victim witness advocate agencies. Graduates may also pursue advanced degrees in law and in social science disciplines.

Major requirements

The 51 semester hour Bachelor of Science degree program in Criminal Justice and Criminology consists of 24 hours of major core courses, 21 hours of major elective courses, and six hours in a related field. A student must attain a grade of “C” (2.00) or higher in all courses credited toward the major, including courses in the related area. A minimum of 24 upper division semester hours of coursework toward the major must be completed at West campus.

	Semester Hours
Criminal Justice and Criminology core courses	
CRJ 100 The Justice System (SB)	3
CRJ 230 The Police Function	3
CRJ 240 The Correctional Function	3
CRJ 302 Research Methods	3
CRJ 303 Statistical Analysis (CS)	3
CRJ 304 Criminology	3
CRJ 305 Women, Crime, and Justice (C)	3
CRJ 306 Race, Ethnicity, and Justice (C)	3
CRJ 485 Student Assessment	0
Total	24

Electives. The 21 hours of elective courses in the major and the six hours of courses in related fields must be strategically assembled with appropriate advising to make up a specialty area consistent with the student’s intellectual and career interests and objectives.

Community college courses. Many Criminal Justice and Criminology courses are currently taught at Arizona community colleges. The

transferability of these courses is governed by the Course Equivalency in effect when the course was taken. This information is maintained in the Course Applicability System (CAS) - CEG function at az.transfer.org/cas. Community college courses which are equivalent to upper division CRJ courses will apply to the program, if completed with a grade of “C” (2.00) or better, and should *not* be repeated at West campus; however, these courses will not count toward the required upper division credit hours.

The following West campus courses may have Tempe campus or Community College transfer equivalents and should not be repeated at West campus.

<i>West campus</i>	<i>Course Title</i>	<i>Tempe campus Equivalent</i>
CRJ 100	The Justice System	JUS 100
CRJ 200	Topics in Concepts and Issues of Justice	JUS 200
CRJ 230	The Police Function	JUS 306
CRJ 240	The Correctional Function	JUS 310
CRJ 442	Community Relations	JUS 320
CRJ 360	Substantive Criminal Law	JUS 365
CRJ 410	Procedural Criminal Law	JUS 368

Other requirements. Students must complete all university degree requirements (including General Studies program requirements). For descriptive information on these requirements, refer to the “General Studies Program” section of this catalog.

Nature of program

The Master of Arts Degree in Criminal Justice is designed to provide criminal justice agency professionals with advanced training in management and operations analysis and research and evaluation. The degree consists of 30 hours of coursework that will enable students to develop the high level skills in agency data analysis, policy analysis, program planning, and program evaluation allowing them to apply scientific criminology to crime prevention and criminal justice practice. Students will also be required to complete a major policy analysis, agency data analysis, or agency planning project.

The master's program is offered to both full-time and part-time students. Full-time students can earn the degree in as few as 12 months. Part-time students may complete the degree on a longer schedule, but may not exceed six years.

Admission

Admission to the master's program is open to:

1. holders of baccalaureate degrees from institutions with regional accreditation;
2. those who show promise of success as demonstrated by scores on the Graduate Record Examination (GRE), previous schooling, and experience; and
3. those who have career goals that are compatible with the educational objectives of the program.

Application. An official transcript from every university or college attended must be received by the Office of Graduate Studies at ASU's West campus before an application can be considered. Official GRE scores must be sent by ETS to ASU. Letters of recommendation, a resume, and a personal statement must be sent to the MA in Criminal Justice Program Office.

The suggested application deadlines are April 1 for fall semester and November 1 for the spring semester.

The application, application fee, and transcripts should be sent to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

All other information for admission processing should be sent to:

MA in Criminal Justice Program
College of Human Services
ASU at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

Program requirements

The 30-semester hour master's program includes 15 semester hours of required core courses, a six semester-hour applied project, and nine semester hours of electives. Students will be able to develop specializations in areas such as policing, corrections, and management by combining required and elective coursework. The planning of specializations will be done jointly by the student and his or her faculty program committee.

	Semester Hours
Core course	15
CRJ 531 Seminar in Criminal Justice	
CRJ 532 Seminar in Criminology	
CRJ 533 Criminal Justice Planning	
CRJ 534 Program Evaluation in Criminal Justice	
CRJ 535 Statistical Tools for Criminal Justice	
Specialization	9
Select three courses in consultation with faculty program committee.	
CRJ 551 Applied Data Analysis in Criminal Justice	
CRJ 552 Seminar in Policing	
CRJ 553 Courts and Sentencing	
CRJ 554 Seminar in Corrections	
CRJ 555 Seminar in Women and Crime	
CRJ 556 Seminar in Criminal Justice Organization and Management	
CRJ 598 Special Topics	
Applied Project	6
CRJ 593 Criminal Justice Policy Analysis Project	

Nature of program

The Gerontology Program is a university-wide, multidisciplinary program designed so that students may take course work at any of the four ASU campuses and apply it toward the graduate Certificate in Gerontology or the Minor. The program has an affiliated faculty of more than 50 members housed in 24 different departments throughout the university. Courses related to aging are taught by faculty who are active contributors to research, theory, and public policy and practice.

Program activities are designed for students who wish to study the psychological, sociological, biological, and policy-related aspects of aging as well as for those interested in the health, economic, and social concerns of older people. Students study the aging process from multiple perspectives and develop knowledge and skills to prepare them for careers in an aging society. Students

may gain practical experience in working with older adults through field-based experience and internships. The faculty also help students find rewarding volunteer positions in community programs and agencies for older adults.

Career outlook

Since older Americans are becoming an increasing percentage of the population, there is a growing need for professionals with gerontological expertise. This is especially the case in Arizona due to the large number of retirement communities located here. Careers will be available in a broad range of fields including recreation, social work, nursing, counseling, public policy, and long term care administration. Career outlook for those with gerontological expertise is bright in not-for-profit, governmental and non-governmental settings as well as for-profit entrepreneurial settings.

Certificate in Gerontology

Admission to the program is open to individuals with a baccalaureate degree. The Certificate may be earned by nondegree seeking graduate students as well as graduate students enrolled in master's or doctoral programs. Undergraduate students may reserve up to nine semester hours earned toward the Certificate in Gerontology. (See the policy on Reserving of Course Credit by Undergraduates, [page 113](#).)

The 21 semester-hour Certificate in Gerontology consists of seven courses distributed as follows. Students must earn

a 3.00 GPA or higher in coursework completed for the certificate.

	Semester Hours
Core classes (9)	
GRN 400 Perspectives on Aging	3
<i>Select one course</i>	3
GRN 420 Health Aspects of Aging	
PGS 427/GRN 494 Psychology of Aging	
GRN 450 Biology of Aging	
<i>Capstone experience (select one)</i>	3
GRN 584 Internship	
GRN 590 Reading and Conference	
GRN 592 Applied Research	
Electives - 500 level required	12
Total	<hr/> 21

Additional major requirement. The program requires 150 hours of practical experience, working in a setting that is directly providing services to older adults. The site must be approved by a director or advisor of the Gerontology Program. Practical experience must be completed and documented prior to enrollment in the capstone experience.

For their electives, students choose courses from the gerontology-related offerings of several departments as well as those offered

by the Gerontology Program. Of the 21 hours required for the Certificate, 15 hours must be completed at the 500 level.

Students may elect to take the Certificate in conjunction with the MA in Interdisciplinary Studies (see [page 157](#)), with the 21 hours of study for the former constituting the core of the program of study for the MA Contact either program for details.

Minor in Gerontology

The Minor in Gerontology requires 18 semester hours of course work. The Gerontology minor is designed to explore the study of aging from an interdisciplinary perspective. Students select two of the three gerontology core courses and four additional aging-related courses that are approved as electives. The Gerontology Program allows double counting of courses from the student's major in the minor; however, students should consult with their major department to determine if it has more stringent requirements. A 2.50 GPA or higher must be obtained in the six courses.

Undergraduate students may begin taking courses for the minor upon completion of 56 semester hours with a minimum cumulative GPA of 2.00.

Core courses

GRN 420 Health Aspects of Aging *or*
approved substitution
PGS 427 Psychology of Aging
SOC 418 Aging and the Life Course

Electives. All courses carrying a GRN prefix can be counted as elective courses in the program. A list of elective courses carrying other disciplinary prefixes which may be used towards completion of the minor and certificate in gerontology is available from the Gerontology Program Office.

For specific information on the Certificate in Gerontology and the undergraduate Minor in Gerontology, call the Gerontology Program at (602) 543-6642.

Dean, ASU College of Nursing: Bernadette Melnyk, RN, PhD
Location: Nursing 457
(480) 965-3244
Site Manager: Shirley Bell, RN, EdD
Location: FAB S331-1
(602) 543-6605

Nursing

Bachelor of Science in Nursing Degree

The College of Human Services hosts the ASU College of Nursing Bachelor of Science in Nursing program. Taught by ASU College of Nursing faculty, all upper division requirements for a nursing degree are offered at ASU's West campus.

The Nursing faculty acknowledge their responsibility to health care consumers for the preparation of individuals who provide nursing care of professional quality through teaching, research, and service. Within the context of a liberal education, the undergraduate degree program prepares professional nurses who:

1. understand and respond to changing health and social needs and services;

2. influence nursing practice and health care through leadership and participation in professional and sociopolitical activities; and,

3. utilize scientific knowledge to advance professional nursing practice.

The continuing education program provides opportunities for nurses to improve and expand their nursing practice to meet the health care needs of various populations and to further their own professional development.

For information on admission, advising and degree requirements, refer to *ASU General Catalog*, "College of Nursing" section, call (480) 965-2987, or consult the College's web page at nursing.asu.edu.

The Recreation and Tourism Management Department offers the Bachelor of Science degree in Recreation and Tourism Management and minors in Special Events

Management and Tourism Management for majors outside the department.

Bachelor of Science Degree in Recreation and Tourism Management

Nature of program

The Recreation and Tourism Management program prepares students for leadership roles in the recreation, park, tourism, and travel management fields. Its primary purpose is to help students acquire the knowledge and perspective they will need to lead these fields through the social, economic, and environmental challenges of the next century.

The program offers a curriculum that places the study of recreation and tourism in a broad, multi-disciplinary context. Students will integrate perspectives from such diverse arenas as human development and behavior, law, marketing, strategic planning, urban and regional planning, financing, economic development, social justice, environmental management, human resource management, organizational behavior, and public policy. At the same time, the curriculum emphasizes experiential learning in professional settings to develop the core competencies required for professional-level entry into the recreation and tourism fields.

Students graduating from this program are eligible to sit for the examination to become a Certified Park and Recreation Professional (CPRP) and thereby acquire this valuable credential for professional advancement.

Career outlook

Recreation and Tourism combined is the second-largest industry in the United States. While no university degree automatically ensures employment, Recreation and Tourism Management graduates who have

tailored their programs and work experience to market opportunities have done very well in securing relevant career positions.

Public sector and for-profit recreation operations, resorts, employee recreation, special events, and non-profit agency recreation services have continued to grow to meet recreation demands. Employment for recreation professionals working with youth, older adults, and other special populations has grown significantly. Strong citizen and government emphasis has recently been placed on how to best use natural resources and how to best plan, design, operate, and maintain these resources.

Employment opportunities are expanding in areas such as resorts, outdoor recreation programs, fitness facilities, private membership clubs, military recreation, camps, and commercial recreation businesses. Federal, state, and local recreation agencies are contracting for many recreation services to handle increased demands they cannot presently meet. There are opportunities for assertive, highly motivated, competent, and innovative graduates to create their own nontraditional jobs. Career opportunities for minority students are good, especially in parks and natural resources where there is significant underrepresentation of minorities. In terms of career opportunities, it is the Recreation and Tourism Management Department's goal to provide the best professional training possible to help our students be leading candidates for jobs upon graduation.

Admission requirements

Admission to the degree program is based upon the applicant's educational and career goals. The applicant must meet the university and College of Human Services admission requirements.

Application forms are available in the Recreation and Tourism Management department office (FAB S115-A; (602) 543-6603). The application must be completed and accepted for the student to be considered a Recreation and Tourism Management major.

Major requirements

The 66 semester hour Bachelor of Science degree program in Recreation and Tourism Management consists of 42 hours of major core courses, 15 hours of major elective courses, and nine hours of nonmajor elective courses from related areas.

The major core courses include six hours of lower division courses and 36 hours of upper division courses.

	Semester Hours
Lower division core	
REC 120 Leisure and Quality of Life (SB)	3
REC 210 Leisure Delivery Systems	3
Upper division core	
REC 301 Leadership in Recreation and Tourism	3
REC 302 Recreation and Tourism for Diverse Populations (C)	3
REC 303 Programming Recreation and Tourism Services	3
REC 304 Recreation and Tourism Areas and Facilities Management (L)	3
REC 401 Administration of Recreation and Tourism Services	3
REC 402 Evaluation and Assessment in Recreation and Tourism	3
REC 403 Professional Development Seminar	3
REC 404 Marketing Recreation and Tourism	3
REC 484 Senior Internship	12
Total	<hr/> 42

The 15 hours of elective courses in the major must be strategically assembled to craft a specialty area in recreation or tourism management. Similarly, the nine hours of nonmajor course work in related areas must be chosen to enhance development within that specialty area. To achieve these goals, all elective hours within the degree program must be chosen in consultation with a faculty advisor.

Additional major requirements. The program requires two hundred hours of professional field experience approved by a faculty advisor, which must be completed and documented prior to enrollment in REC 484 Senior Internship. A minimum 2.00 cumulative GPA is required for major courses prior to enrollment in the internship. Students may enroll in the internship anytime after completion of REC 301, 302, 303 and 304 with a grade of "C" (2.00) or better.

A grade of "C" (2.00) or better is required for all courses credited toward the 57 semester hours of major courses required by the program.

Students must complete all university degree requirements, including General Studies Program requirements as articulated in the "General Studies Program" section of this catalog.

Minor in Special Events Management

Nature of program

The Minor in Special Events Management is designed to offer students a solid understanding of special event programming and management. In addition to the two-tiered special event courses, which provide both basic and advanced instruction, as well as experiential learning opportunities through event production, each student will be able to select electives to meet his or her specific interests.

Minor requirements

The minor consists of six semester hours of required courses and 12 semester hours of electives selected in consultation with a faculty advisor. At least 12 semester hours must be completed at the West campus in upper division classes. To earn the minor, students must complete all course work in the minor with a minimum grade of “C” (2.00). Recreation and Tourism Management majors are not eligible to earn the Minor in Special Events Management.

Required core courses (6 hours)

- REC 486 Special Events Management
- REC 487 Special Events Management, Advanced

Electives (12 hours)

Select courses from the following in consultation with the minor advisor:

- REC 301 Leadership in Recreation and Tourism
- REC 303 Programming Recreation and Tourism Services
- REC 304 Recreation and Tourism Areas and Facility Management
- REC 345 Team Building Strategies
- REC 373 Leisure Travel and Tourism
- REC 403 Professional Development Seminar
- REC 404 Marketing Recreation and Tourism
- REC 451 Grant Writing for Human Service Professionals
- REC 453 Volunteer Management in Human Service Organizations
- REC 475 Entrepreneurial Recreation and Tourism
- REC 458 International Tourism
- REC 484 Senior Internship
- REC 494 ST: Nonprofit Management for Human Services Professionals
- REC 300 Fund Raising (available at Tempe campus)
- REC 345 Meeting and Convention Planning (available at Tempe campus)

Other approved course

Minor in Tourism Management

Nature of program

The Minor in Tourism Management is designed to provide students with fundamental knowledge in travel and tourism management. The minor may be useful to students pursuing degrees in Communication Studies, Criminal Justice and Criminology, Global Business, Interdisciplinary Arts and Performance, Spanish, etc.

Minor requirements

The minor consists of 18 semester hours of which 15 semester hours must be at the upper division level. To earn the minor, students must complete all courses with a minimum grade of “C” (2.00). Recreation and Tourism Management majors are not eligible to earn the Minor in Tourism Management.

Required core courses (6 hours)

- REC 373 Leisure Travel and Tourism
- REC 458 International Tourism
- REC 475 Entrepreneurial Recreation and Tourism

Electives (12 hours)

Select courses from the following

in consultation with the minor advisor

- REC 303 Programming Recreation and Tourism Services
- REC 304 Recreation and Tourism Areas and Facilities Management
- REC 360 Policy, Planning, Development of Recreation and Tourism Resources
- REC 401 Administration of Recreation and Tourism Services
- REC 404 Marketing Recreation and Tourism
- REC 458 International Tourism*
- REC 473 Tourism Management
- REC 475 Entrepreneurial Recreation and Tourism*
- REC 486 Special Events Management

Other approved course (may be lower division)

**Course may be taken as an elective if not selected to fulfill core requirement.*

The Department of Social Work offers the Bachelor of Social Work and the Master of Social Work degree programs.

Bachelor of Social Work Degree

Nature of program

The goal of the Social Work Department is to train professional social workers for entry-level, generalist practice focused on populations that are most oppressed and most in need of the services social workers offer. A special emphasis is placed on working with diverse groups of the Southwest.

The undergraduate curriculum leads to a Bachelor of Social Work (BSW). Junior and senior Social Work majors focus on Social Work courses in social policy and services, human behavior in the social environment, social work practice, research, and field instruction in community agencies. In addition, majors take elective courses in related areas.

The BSW practitioner is a generalist focusing on roles such as advocacy, referral, case management, and problem-solving functions with individuals, groups, families, organizations, and the community.

Career outlook

The Department of Social Work prepares students for professional generalist BSW practice. Employment in social work is expected to grow faster than most other occupations until at least the year 2005.

Social Workers are employed in public and private agencies dealing with a wide variety of social issues including child abuse, foster care, adoptions, health, mental health, aging,

delinquency, corrections, family dysfunction, poverty, teen pregnancy, domestic violence, homelessness, AIDS, school-related problems, discrimination, disability, substance abuse, and others. Social work skills such as problem solving, resource utilization, counseling, group work, and community organization are also useful for positions with industry in employee relations and mediation.

Admission requirements

In order to be considered for admission to the Bachelor of Social Work program, applicants must have:

1. completed the university First-Year Composition requirement with a grade of "C" (2.00) or better;
2. completed all General Studies requirements with a grade of "C" (2.00) or better;
3. completed the following Social Work courses with a grade of "C" (2.00) or better:
 - a. SWU 271 Introduction to Social Work (SB, H)
 - b. SWU 291 Social Service Delivery Systems
 - c. SWU 301 Human Behavior in the Social Environment I
 - d. SWU 310 Social Work Practice I
4. completed a minimum of 240 hours of volunteer or paid experience in social work related settings;

5. completed the following related courses with a grade of “C” (2.00) or better:
 - a. ECN 111 Macroeconomic Principles (SB)
 - b. PGS 101 Introduction to Psychology (SB)
 - c. PHI 101 Introduction to Philosophy (HU)
 - d. POL 110 Government and Politics (SB) *or* POL 310
 - e. SOC 101 Introductory Sociology (SB) *or* SOC 301
 - f. A course in Human Biology (e.g., LSC 365; BIO 201*)
 - g. A course in Statistical Analysis
 - h. A course with a contemporary focus on ethnic minorities of the Southwest
 - i. A course with a contemporary focus on women

**Complete this Tempe campus course or transfer equivalent*

6. completed and submitted the Social Work Department application packet; and
7. be admitted to the university as a degree-seeking student.

Applications. Students wishing to enter the Social Work program are required to apply for admission to the program in addition to obtaining an official Certificate of Admission to the university. Students are eligible to apply for admission to the Social Work major during the last semester of the junior year.

A student may obtain a Social Work Department application packet at the Department of Social Work office (FAB S126) or request that one be mailed by calling (602) 543-6602.

Criteria for admission. Admission is based on the following criteria:

1. A minimum cumulative GPA of 2.00 is required.
2. A minimum cumulative GPA of 2.75 in core Social Work courses (SWU 271, 291, 301, and 310) and a grade of “C” (2.00) or

better in all Social Work courses are required. Students with less than a 2.75 GPA in Social Work courses may apply for conditional acceptance to the program.

3. The applicant’s educational and career goals must be compatible with the educational objectives of the program.
4. Three references are required for each applicant. Two references should be from individuals who have known the applicant in a professional capacity. The other reference will be provided by the applicant’s SWU 310 instructor.
5. The applicant must demonstrate physical and emotional capabilities congruent with the functioning of a professional social worker.

Admission appeal. Those applicants who have been denied admission may request a conference to discuss the decision and to obtain guidance in the development of future plans. Students may appeal the decision to the Standards Committee.

Readmission. Undergraduate students who have previously attended ASU but have not been enrolled at this institution for one or more semesters are required to apply for readmission following university procedures. Students who were previously BSW majors may, in addition, be required to apply for readmission to the program.

Transfer credit. Direct transfer of courses from other accredited institutions to the Social Work Program is subject to the existence of parallel and equal courses in the school’s curriculum. Transfer credit is not given for courses in which the lowest passing grade (“D” (1.00)) or a failing grade (“F” (0.00)) was received. Credit for “life experience” is not given in lieu of course requirements.

Major requirements

The required Social Work core consists of 48 semester hours.

	Semester Hours
SWU 271 Introduction to Social Work (SB, H)	3
SWU 291 Social Service Delivery Systems	3
SWU 301 Human Behavior in the Social Environment I (L)	3
SWU 310 Social Work Practice I	3
SWU 331 Social Policy and Services I (H)	3
SWU 402 Human Behavior in the Social Environment II (SB)	3
SWU 410 Social Work Practice II*	3
SWU 411 Social Work Practice III*	3
SWU 412 Field Instruction I*	5
SWU 413 Field Instruction Seminar I*	1
SWU 414 Field Instruction II*	5
SWU 415 Field Instruction Seminar II*	1
SWU 420 Practice-Oriented Research	3
SWU 432 Social Policy and Services II	3
SWU 474 Ethnic/Cultural Variables in Social Work (C)	3
SWU 4__ Social Work Elective	3
Total	48

*Majors only.

Electives. Students are required to take courses in areas related to Social Work, such as Psychology, Sociology, Political Science, and Economics. It is necessary to consult with a faculty advisor in selecting electives.

Field instruction. Field instruction for the BSW program is offered concurrently with classroom study. Students are assigned to a social service agency and work under the supervision of an experienced and certified social work professional. Field instruction permits testing theory in practice and gives a base of experience to class discussions. Qualified agencies in several Arizona communities are utilized for field instruction.

BSW students work in one placement for 16 hours a week, usually two full days each week, for a total of 480 hours over two semesters. In assigning the placement, the program takes into account the student's educational needs and career goals. Generalist social workers need to be familiar with the methods of working with individuals, families, and groups, as well as in organizations

and communities and with all ages and ethnic groups. The faculty are committed to establishing the capabilities necessary for high-quality, social work generalist practice.

BSW field instruction agencies are located primarily in the Phoenix metropolitan area. Personal transportation is strongly recommended while in field placement.

Graduation requirements

Social Work majors must file a Declaration of Graduation within the semester that they earn their 81st credit. A minimum of 120 semester hours, a minimum of 50 semester hours in upper division courses, a minimum of 480 hours in field education, and a minimum GPA of 2.00 are required for graduation with a BSW degree. To be acceptable as graduation credit, all course and field work in the major must show an earned grade of "C" (2.00) or higher.

Academic policies

In order to remain in good academic standing, students must maintain a minimum overall GPA of 2.00 (BSW) at the end of each semester. Most courses in the program are sequential; successful completion of each course in the sequence is required to enroll in the following course. Students may not enroll in any second-year required courses until all foundation courses have been completed successfully.

Retention and disqualification. Students must maintain a minimum overall cumulative GPA of 2.00 (BSW). A student is placed on probationary status automatically when (1) the GPA is less than the minimum at the end of any semester or (2) a grade less than "C" (2.00) is received for any major core requirement, regardless of the GPA. Students may also be put on probation for reasons other than grades. See the *Policies and Procedures Manual of the Department of Social Work* for information on the resolution of probationary status.

Termination from the program. A student may be terminated from the program under any one of the following circumstances:

1. a student fails to carry out the plan developed during a probationary semester.
2. the student receives an “E” (0.00) grade (failure) in field practicum.
3. the student does not accept or is not accepted by three or more field agencies if, in the judgment of faculty and field staff, the placements can provide appropriate field experiences without undue inconvenience to the student.
4. the student does not adhere to professional expectations and standards (see the *Code of Conduct*, *NASW Code of Ethics*, and *CSWE Curriculum Policy Statement*).
5. a student does not demonstrate physical and/or emotional capabilities congruent with the functioning of a professional social worker.

The responsibility for reviewing and determining the qualification of students whose behavior and/or performance are in question is vested in the Status Review Committee.

Appeal procedures. Students who feel they have been unjustly treated in academic or other matters relating to their career as students may appeal by following the guidelines set forth in the “Academic Policies” section of the *BSW Student Handbook*.

Student responsibilities. Students are expected to support and maintain the highest professional standards as spelled out in the *Code of Conduct* and the *National Association of Social Workers Code of Ethics*.

Regular attendance is expected in all classes and in field education and is a critical factor in evaluation of performance.

Master of Social Work Degree

Director, Graduate Studies: Gary Lowe, PhD
Location: FAB S126
(602) 543-6602

Nature of program

The Master of Social Work (MSW) program requires 60 semester hours of course work with 900 hours of fieldwork. The MSW program is practice-oriented and prepares Advanced Generalist practitioners – social workers who are able to work with individuals, families, groups, organizations and communities. Students will also gain expertise in a particular aspect of diversity such as ethnic minorities of the southwest, physical disability, religious diversity, immigrants, or gender.

An Advanced Standing program is designed for applicants who have completed a BSW from an accredited undergraduate social work program. Preference will be given to applicants who completed the BSW within the past six years. The successful applicant has social work

experience that demonstrates competence in generalist practice skills. Advanced Standing requires 34 semester hours, beginning with a summer preparatory “bridge” class.

Career outlook

There is currently a shortage of master’s level social workers in the United States. Considering Arizona’s rapidly growing population, the need for more social services and social service providers is greater than in other parts of the country. Locally, the need for professional social workers is expected to increase faster than average in comparison to all occupations. There is a significant shortage of social workers in behavioral health and services for children and their families. Furthermore, services for aging adults continue to expand.

Admission

Admission to the MSW program is open to:

1. holders of baccalaureate degrees from institutions with regional accreditation;
2. those who show promise of success as demonstrated by scores on the Graduate Record Examination (GRE), Miller Analogies Test (MAT), previous schooling, and experience; and
3. those who have career goals that are compatible with the educational objectives of the program.

Application. An official transcript from every university or institution attended must be received by the Office of Graduate Studies at ASU's West campus before an application can be considered. Three letters of recommendation, a resume, and a personal statement must be sent to the MSW program office. The suggested application deadline is May 1 for fall semester. The application deadline for the Advanced Standing Program is March 1.

The application, application fee, transcripts, and official GRE or MAT scores (sent by the testing service to ASU) should be sent to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

All other information for admission processing should be sent to:

MSW Program
Department of Social Work
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

Program requirements

The MSW program is comprised of 42 semester hours of coursework plus 18 semester hours of fieldwork. (Note: One semester hour of fieldwork requires 50 clock hours in the field setting.)

	Semester Hours
Required foundation courses	29
SWG 503 Development of Families in Oppressive Context	
SWG 504 Theories of Human Behavior	
SWG 512 Values and Ethics of Social Work Practice I	
SWG 513 Advanced Social Work Generalist Practice II	
SWG 520 Research and Advocacy	
SWG 532 Policy and Social Change	
SWG 534 Diversity and Underserved Populations	
SWG 540 The Professional Experience (fieldwork)	
SWG 543 The Professional Experience (fieldwork)	
Advanced Standing Required "Bridge" Course	3
SWG 600 Foundation for Advanced Practice	
Advanced Generalist Practice concentration	25
Required courses	
SWG 610 Advanced Social Work Practice III	
SWG 612 Advanced Generalist Practice IV	
SWG 631 Advanced Policy Analysis	
SWG 645 The Professional Experience III	
SWG 646 The Professional Experience IV	
SWG 693 Applied Project	
SWG 697 Special Topics in Working with Diverse Groups	
Electives in specialized area of practice	6
In consultation with their faculty advisor, students will select two courses based on field placement, intended area of practice, final project, and specific diversity emphasis.	
SWG 607 Social Work Perspective in Alcohol and Drug Addictions	
SWG 615 Effective Intervention with Children and Adolescents	
SWG 625 Violence Across the Life Cycle	
SWG 626 Crisis Intervention and Short-Term Treatment	
SWG 650 Grief and Loss	
SWG 651 Theories of Aging	
SWG 652 Human Services for At-Risk Youths	
SWG 653 Theory and Practice of Family Therapy	
SWG 655 Issues in Prevention	
Other approved course	

Research activity

Faculty in the Department of Social Work have a wide diversity of teaching experience and research interests experience. The focus of the curriculum includes human behavior

and the social environment and ethnic and cultural variables as they impact practice. Faculty and students are engaged in research in the areas of behavioral health care, differential assessment, child sexual abuse, poverty and gender, ethical dilemmas

in practice, aging and long-term care, and ethnic diversity, and older adults. For more details, visit the department's website at: www.west.asu.edu/chs/msw/

Prelaw Minor

Minor in Prelaw

Contact: CHS Advising Office
Location: FAB S105
 (602) 543-6600

Nature of program

The Prelaw minor is designed to explore the study of law from an interdisciplinary perspective. Students will take a core of classes which are reflective of courses taken by first year law students and will enhance a student's critical thinking skills. In addition, students will select elective courses for the minor with assistance from the College's Human Services Advising Office and from a faculty member on the College's Prelaw Advising Committee. In general, the courses selected as Prelaw minor electives are those which:

1. enhance the student's critical thinking and writing skills;
2. develop the student's knowledge of the law; and
3. enhance the student's understanding of the social, cultural, historical, economic and political development of the law in our society or world.

The minor is designed for students who plan to attend law school or who contemplate careers in fields closely related to the legal profession. Students who exhibit exceptional critical thinking and writing skills are highly successful in their legal studies. It is expected that students in the minor will be able to think both logically and creatively about the law and its philosophical basis. In addition, students will be able to effectively apply legal principles

to various factual problems, a rudimentary part of the case book method of legal study.

Minor requirements

The 18 semester hour Minor in Prelaw consists of nine hours of required courses and nine hours of elective courses to be selected with advisement. Students may not count classes towards both completion of their major and the Prelaw minor.

	Semester Hours
Core Classes (select three classes)	9
COM 422 Argumentation, Critical Reasoning and Public Communication	
CRJ 360 Substantive Criminal Law	
LES 306 Business Law	
POL 470 Law and the Political Order	
Electives	9
Students must select nine hours of courses with advisement to complete the minor.	

Electives. The nine hours of electives must be strategically assembled from courses which are either reflective of the different types of law they are interested in studying (e.g., business law, civil liberties, criminal law, environmental law, family law, international law, legal history and jurisprudence, and mental health law), or which enable them to develop critical thinking and writing skills. A list of elective courses which may be used towards completion of the minor is available from the College of Human Services Advising Office or from a member of the Prelaw Advising Committee.

Communication Studies

COM 100 Introduction to Human Communication (3)

fall, spring

A topics-oriented introduction to basic theories, dimensions, and concepts of human communicative interaction and behavior. Fee. General studies: SB.

COM 222 Argumentation (3)

once a year

Philosophical and theoretical foundations of argumentation, including a comparison of models of advocacy and evidence. Prerequisite: ENG 101 (or 105). General studies: L.

COM 225 Public Speaking (3)

fall, spring

Verbal and nonverbal communication in platform speaking. Discussion and practice in vocal and physical delivery and purposeful organization of public communication. Fee. Prerequisite: ENG 101 (or 105). General studies: L.

COM 230 Small Group Communication (3)

spring

Principles and processes of small group communication, attitudes and skills for effective participation and leadership in small groups, small group problem solving, and decision making. General studies: SB.

COM 259 Communication in Business and the Professions (3)

fall

Interpersonal, group, and public communication in business and professional organizations. Fee.

COM 308 Empirical Research Methods in Communication (3)

fall, spring

Examination of social science approaches to the study of communication, including experimental, survey, descriptive, and other quantitative approaches. Prerequisite: ENG 101 (or 105). General studies: L.

COM 309 Rhetorical, Interpretive, and Critical Methods in Communication (3)

fall, spring

Examination of humanistic and qualitative approaches to communication. Introduction of textual, interactional and ethnographic methods.

COM 310 Relational Communication (3)

once a year

This course examines communication processes as they relate to relationship development, maintenance, and termination.

COM 312 Communication, Conflict, and Negotiation (3)

once a year

Theories and strategies of communication relevant to the management of conflicts and the conduct of negotiations.

COM 316 Gender and Communication (3)

once a year

Introduction to gender-related communication. Verbal, nonverbal, and paralinguistic differences and similarities are examined within social, psychological, and historic perspectives. General studies: C.

COM 320 Communication and Consumerism (3)

once a year

Critical evaluation of messages designed for public consumption. Perceiving, evaluating, and responding to political, social, and commercial communication. General studies: SB.

COM 321 Rhetorical Theory and Research (3)

once a year

Historical development of rhetorical theory and research in communication, from classical antiquity to the present. Prerequisite: ENG 101 (or 105). General studies: L/HU.

COM 324 Rhetoric and Media Criticism (3)

once a year

Critical examination of media arts, including cinema, television, and video. Application of rhetorical, textual, and interpretive methods of criticism.

COM 325 Advanced Public Speaking (3)

selected semesters

Social and pragmatic aspects of public speaking as a communicative system; strategies of rhetorical theory and the presentation of forms of public communication.

COM 329 Persuasion (3)

once a year

Variables that influence and modify attitudes and behaviors of message receivers, including analysis of theories, research, and current problems.

COM 353 Professional Communication (3)

once a year

Introduction to both verbal and written professional communication styles and technologies in preparation for communication-related internships and careers.

COM 371 Cross-Cultural Communication Perspectives (3)

selected semesters

Exploration of different cultures' approaches to theories of and practices in social interaction and public discourse. General studies: G.

COM 382 Classroom Apprenticeship (1-3)*fall, spring*

Nongraded credit for students extending their experience with a content area by assisting with classroom supervision in other COM courses. Maximum 3 semester hours each semester. Prerequisite: instructor approval.

COM 394 Special Topics (1-3)*selected semesters*

Variable topics course designed around specific themes, concepts, and questions central to the study of communication. Prerequisite: instructor approval.

COM 410 Interpersonal Communication Theory and Research (3)*selected semesters*

Survey and analysis of major research topics, paradigms, and theories dealing with message exchanges between and among social peers. Prerequisite: COM 308 or 309, or instructor approval. General studies: SB.

COM 411 Communication in the Family (3)*selected semesters*

A broad overview of communication issues found in marriage and family life, focusing on current topics concerning communication in the family. General studies: SB.

COM 414 Crisis Communication (3)*selected semesters*

Role of communication in crisis development and intervention.

COM 416 Gender, Race, Colonialism, and Media (3)*once a year*

Exploration of how the mass media constructs gender and race and perpetuates colonial views of minorities and varied nationalities.

COM 417 Communication and Aging (3)*once a year*

Critical study of changes in human communicative patterns through the later adult years, with attention on intergenerational relationships and self-concept functions.

COM 421 Rhetoric of Social Issues (3)*selected semesters*

Critical rhetorical study of significant speakers and speeches on social issues of the past and present. Prerequisite: COM 321 or instructor approval. General studies: HU.

COM 422 Argumentation, Critical Reasoning and Public Communication (3)*fall, spring*

Advanced study of argumentation theories and research as applied to public forums including: political, business, and legal contexts. Prerequisites: COM 222, ENG 101 (or 105), or instructor approval. General studies: L.

COM 424 Television Studies and Criticism (3)*once a year*

Survey of critical and historical approaches to television as a medium; to television research; and to television's effects. Prerequisite: COM 309 or instructor approval.

COM 429 Semiotics and Visual Communication (3)*selected semesters*

Semiotic analysis of mediated forms of communication, including film, television, and photography. Includes the political and aesthetic dimensions of images. Prerequisite: COM 309 or instructor approval.

COM 430 Leadership in Group Communication (3)*selected semesters*

Theory and process of leadership in group communication, emphasizing philosophical foundations, contemporary research, and applications to group situations.

COM 450 Theory and Research in Organizational Communication (3)*once a year*

Critical review and analysis of the dominant theories of organizational communication and their corollary research strategies. Prerequisite: COM 308 or 309, or instructor approval. General studies: SB.

COM 451 Employee Participation Processes in Organizations (3)*selected semesters*

Communication principles and practices associated with employee empowerment, team-based organizing, and similar employee involvement processes. Prerequisite: COM 308 or COM 309 or instructor approval.

COM 453 Communication Training and Development (3)*selected semesters*

Examination of the procedures and types of communication training and development in business, industry, and government. Prerequisite: COM 308 or instructor approval.

COM 454 Rhetorical and Critical Approaches to Public Relations (3)*once a year*

An historical and contemporary account of how public relations messages build corporate identities and persuade audiences by shaping public values. Prerequisite: COM 309 or instructor approval.

COM 456 Political Communication (3)*selected semesters*

Theory and research related to political campaign communication. The persuasive process of political campaigning, the role of the media, the candidate and image creation.

COM 457 New Media (3)*once a year*

Exploration of how new communication and information technologies affect communication and culture. Prerequisite: COM 308 or 309.

COM 463 Cultural and Intercultural Communication Theory and Research (3)

once a year

Survey and analysis of major theories and research dealing with communication within cultures and between people of different cultural backgrounds. Prerequisite: COM 308 or 309, or instructor approval. General studies: SB, G.

COM 465 Intercultural Communication Workshop (1-3)

selected semesters

Experientially based study of communication between members of different cultures designed to help students improve their intercultural communication skills.

COM 471 International Communication (3)

selected semesters

Exploration of the political, economic, socio-cultural, and communicative dimensions of mediated communication across borders and the processes of globalization. Prerequisite: COM 463 or instructor approval. General studies: G.

COM 475 Nonverbal Communication Theory and Research (3)

selected semesters

Critical study of theories/research concerning nonlinguistic aspects of communication. Functions of nonverbal behaviors in various communication contexts are examined.

COM 484 Internship (1-12)

fall, spring

Supervised field experience. Fee. Prerequisite: approval of Coordinator of Internship programs.

COM 502 Theory and Practice in Communication and Persuasion (3)

once a year

Theoretical exploration of communicative and persuasive practices as applied in various contexts. Surveys classical, modern, and contemporary theories of persuasion.

COM 505 Methods in Applied Communication Research (3)

once a year

Examination of the intellectual, practical, and ethical dimensions of engaging in applied research. Emphasis on empirical and quantitative methods.

COM 506 Humanistic Inquiry and Field Research in Communication (3)

once a year

Examination of interpretive, critical, and rhetorical approaches to communication and advocacy; includes hermeneutics, ethnography, and cultural studies.

COM 515 Ethical Issues in Communication (3)

selected semesters

Variable topics course examining the ethical issues or concerns related to communication. Course may examine research, theory, and/or practice. Prerequisite: COM 502.

COM 516 Conflict and Negotiation (3)

selected semesters

Survey of conflict strategies in interpersonal, group, and organization settings. Examines theoretical and practical approaches to conflict and negotiation.

COM 520 Communication Campaigns (3)

selected semesters

Exploration of the theory and practice of developing effective public communication strategies aimed at general or specific audiences. Prerequisite: COM 502.

COM 522 Argumentation and Advocacy (3)

selected semesters

Introduction to various models of argumentation and their applications to various spheres of advocacy.

COM 531 Communication and Social Change (3)

selected semesters

Examination of human communication and technologies of communication as agents of social change within groups, communities, organizations, and/or cultures. Prerequisite: COM 502.

COM 532 Relational Dynamics in Communication (3)

selected semesters

Relational communication examined through principles of personal relationships and social interaction, includes discussion of reciprocity, dialogue, and equality. Prerequisite: COM 502.

COM 550 Advocacy in Organizational Settings (3)

selected semesters

Examines issues of upward influence, the expression of dissent, and grievance systems within organizational contexts. Prerequisite: COM 502.

COM 551 Democracy and Power in Organizations (3)

selected semesters

Examination of structural, relational, and symbolic dimensions of organizational communication and discourses. Prerequisite: COM 502.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses
, and
/ or

COM 557 Communication and Technology (3)*selected semesters*

Assesses technology's role in the social dynamics of human interaction. Focus on the impact of technology and related policy issues. Prerequisite: COM 502.

COM 565 Communication, Globalization, and Diversification (3)*selected semesters*

Exploration of the forces leading to increased intergroup contact and their impact on social, economic, and political dynamics. Prerequisite: COM 502.

COM 570 Communication and Social Advocacy in Context (3)*spring in even years*

Variable topics course exploring the intersection of communication and advocacy in specific contexts and addressed in other elective courses.

COM 593 Applied Project (1-6)*fall, spring*

Preparation of a supervised applied professional project.

COM 599 Thesis (1-6)*fall, spring*

Supervised research focused on preparation of thesis, including literature review, research, data collection and analysis, and writing.

Criminal Justice

CRJ 100 The Justice System (3)*fall, spring*

Overview of the justice system. Roles of law enforcement personnel, the courts, and correctional agencies. Philosophical and theoretical views in historical perspective. General studies: SB.

CRJ 200 Topics in Concepts and Issues of Justice (3)*fall*

Use of critical thinking skills to analyze and comprehend controversial social issues. May be repeated for credit with different titles. General studies: SB.

CRJ 230 The Police Function (3)*fall, spring*

Introduction to policing in the United States covering the history of police, contemporary police work, and problems in policing.

CRJ 240 The Correctional Function (3)*fall, spring*

This course introduces students to the structure and function of the corrections system from historical and contemporary perspectives.

CRJ 302 Research Methods (3)*fall, spring*

Focus is on developing and evaluating research designs, data collection, and the relationship between validity and reliability. Methods for conducting research are also stressed. Pre or corequisite: CRJ 100 or instructor approval.

CRJ 303 Statistical Analysis (3)*fall, spring*

Introduction to the fundamentals and application of descriptive and inferential statistics, with emphasis in the administration of justice area. Pre or corequisite: the university mathematics requirement; CRJ 100 or instructor approval. General studies: CS.

CRJ 304 Criminology (3)*fall, spring*

Provides a basic overview of the nature, the causes and consequences, and the theories of criminal behavior. Pre or corequisite: CRJ 100 or instructor approval.

CRJ 305 Women, Crime, and Justice (3)*fall, spring*

The study of women as offenders, victims, and professionals in the criminal justice system. Pre or corequisite: CRJ 100. General studies: C.

CRJ 306 Race, Ethnicity, and Justice (3)*fall, spring*

The study of minority issues in the criminal justice system. Pre or corequisite: CRJ 100. General studies: C.

CRJ 312 Police and Culture (3)*once a year*

Covers broad concept of culture, theoretical approaches to police subculture, and major themes that characterize police culture (suspicion, danger, solidarity, and isolationism). Prerequisites: CRJ 100, 230.

CRJ 314 Innovations in Policing (3)*once a year*

Examine current theories and research findings that guide police work, and the practical implications of evaluation within police departments. Prerequisites: CRJ 100, 230.

CRJ 315 Police Organization and Management (3)*once a year*

The course provides students with a thorough understanding of the structure, processes, and behavior of police organizations. Prerequisites: CRJ 100, 230.

CRJ 320 The Adjudication Function (3)*once a year*

History and development of courts, trial by jury, and other dispute resolution mechanisms; selection and removal of judges and juries; organization, structure, and jurisdiction of courts; trial and nontrial processes of the judiciary. Pre or corequisite: CRJ 100.

CRJ 340 Juvenile Justice (3)*fall, spring*

A critical examination of the history and development of the juvenile court and the juvenile justice system. Pre or corequisite: CRJ 100.

CRJ 350 Law and Social Control (3)*once a year*

Resolution of social issues through the application of law as an agent of social control. Nature, sanctions, and limits of law. Categories of law and schools of jurisprudence. Pre or corequisite: CRJ 100. General studies: SB.

CRJ 360 Substantive Criminal Law (3)

fall, spring

Criminal liability. Crimes against persons, property, and society. Governmental sanctions of individual conduct as formulated by legislatures and the courts. Pre or corequisite: CRJ 100.

CRJ 410 Procedural Criminal Law (3)

fall, spring

The criminal process. Constitutional and legal problems associated with arrest, search and seizure, and due process of law. Prerequisite: CRJ 100.

CRJ 420 Imperatives of Proof (3)

once a year

Problems and means of establishing identity and fact in relation to arrest, detention, adjudication, sentencing, and correctional case management. Prerequisite: CRJ 100.

CRJ 430 Correctional Law (3)

once a year

The study of the rights of inmates and the duties of corrections officials. Prerequisite: CRJ 100, 240.

CRJ 441 Prevention of Crime and Delinquent Behavior (3)

once a year

Theories of prevention, individual, group, and community approaches: intervention at appropriate stages; contemporary law enforcement and corrections practices. Prerequisite: CRJ 100.

CRJ 442 Community Relations in the Justice System (3)

once a year

Focus on developing an informed plan and policy for incorporating research findings about the surrounding community within various justice services and agencies. Topics include social stratification, minority groups, and victimology. Prerequisite: CRJ 100.

CRJ 443 Probation and Community Corrections (3)

once a year

This course examines the probation and parole functions as well as the numerous and diverse types of community corrections programs. Prerequisite: CRJ 100, 240.

CRJ 461 Domestic Violence (3)

once a year

Legal, historical, theoretical, and treatment aspects of domestic violence, including child abuse, woman battering, incest, and marital rape. Prerequisite: CRJ 100.

CRJ 462 Gangs (3)

once a year

A critical examination of the history and development of gangs, including criminal justice system responses to gangs and gang related behaviors. Prerequisite: CRJ 100.

CRJ 463 Occupational Crime (3)

once a year

Overview of major issues in business, professional, and official rule violations. Includes consumer fraud, securities violations, unethical professionalism, and political corruption. Prerequisite: CRJ 100.

CRJ 464 Organized Crime (3)

once a year

The nature of organized crime and its illegal activities, theories of containment, and efforts by justice agencies to counter its dominance in society. Prerequisite: CRJ 100.

CRJ 470 Discretionary Justice (3)

once a year

Use/abuse, key issues/manifestations of discretion in legal system and other societal institutions. Theoretical/empirical linkages between discretion and discrimination, based on race, ethnicity, and gender. Prerequisites: CRJ 100, ENG 101 (or 105). General studies: L/SB.

CRJ 484 Internship (1-12)

fall, spring, summer

Assignments in a justice-related placement designed to further the student's integration of theory and practice. Placements are arranged through consultation with students and agencies. May be taken for a total of up to 12 hours credit, of which a maximum of 6 are applied to the major. Students must consult with the program to arrange internships.

CRJ 485 Student Assessment (0)

fall, spring, summer

Students may attend a mid-semester information session on the assessment process. At the end of the semester, students will take part in a standardized examination and self-administered survey. "Y/E" grade only. Students must register for this class their final semester.

CRJ 490 Senior Seminar in Criminal Justice (3)

Covers a variety of topics in the criminal justice system. Content varies with each offering. May be repeated for credit up to a maximum of 6 hours. Prerequisite: completion of Criminal Justice and Criminology core courses with a minimum 2.00 GPA. General studies: L.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

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H Historical awareness courses
, and
/ or

CRJ 499 Individualized Instruction (1-3)*fall, spring, summer*

Original study or investigation in the advanced student's field of interest under the supervision of a faculty member. May be repeated for credit up to a maximum of 6 hours, all applicable to the major. Readings, conferences, tutorials. Prerequisite: CRJ 100.

CRJ 531 Seminar in Criminal Justice (3)*fall*

An overview of the American criminal justice system with emphasis on policy issues in police, courts, sentencing, corrections. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 532 Seminar in Criminology (3)*spring*

Theory and research on the nature, causes and prediction of criminal careers and events. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 533 Criminal Justice Planning (3)*spring*

Course examines the application of alternative models of strategic planning to the criminal justice systems. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 534 Program Evaluation in Criminal Justice (3)*fall*

The course covers methods of program evaluation, principals of research design, and evaluation tools and resources. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 535 Statistical Tools for Criminal Justice (3)*fall*

This course focuses on essential statistical analysis that can be used by persons working in criminal justice and related agencies. Prerequisite: Admission to MACJ or by instructor approval.

CRJ 551 Applied Data Analysis in Criminal Justice (3)*spring*

This course examines a variety of tools used in the analysis of criminal justice data including GIS mapping. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 552 Seminar in Policing (3)*fall*

Graduate level review of policing and police organizations. Seminar examines research on police strategies and practices designed to address crime. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 553 Courts and Sentencing (3)*spring*

An overview of the nature, proposed principles, and theoretical doctrine of the courts and sentencing policies in criminal justice.

CRJ 554 Seminar in Corrections (3)*spring*

Theory, research, and policy issues regarding community based and institutional correction programs. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 555 Seminar in Women and Crime (3)*spring*

Introduces students to issues regarding women and the criminal justice system, focusing on their roles as offenders, victims and professionals. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 556 Seminar in Criminal Justice Organization and Management (3)*spring*

Graduate level review of policing and police organizations. Seminar examines research on police strategies and practices designed to address crime. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 593 Criminal Justice Policy**Analysis Project (1-6)***fall, spring, summer*

Students will apply statistical, evaluation, and planning skills and tools to criminal justice policy and operational issues. Prerequisite: Admission to MACJ program or by instructor approval.

CRJ 598 Special Topics in Criminal Justice (1-3)*fall, spring*

Topics may include restorative justice, drugs and crime, juvenile justice, community policing, community corrections, crime prevention, and legal issues.

Gerontology

GRN 400 Perspectives on Aging (3)*fall, spring*

A broad overview of gerontological issues – physical aging, retirement, living options, caregiving, theoretical background, death, etc. Cross-listed as SOC 400. General studies: SB.

GRN 420 Health Aspects of Aging (3)*fall, spring, summer*

Examines biological, social, and behavioral aspects of health in the later years. The organization and delivery of care are considered. General studies: SB.

GRN 430 Multidisciplinary Approaches to Gerontology (3)*selected semesters*

Examines literature that each discipline brings to the study of gerontology. Covers both theory and practice. General studies: SB.

GRN 431 Caregiving (3)*selected semesters*

Examines theory and practice of caregiving for the senior population.

GRN 440 Aging and Wellness (3)

selected semesters

One-on-one service/experiential learning with seniors from the community. May be repeated for credit.

GRN 450 Biology of Aging (3)

selected semesters

Examines normal biological aging and changes in the functional capabilities in the elderly.

GRN 460 Alzheimer's and Related Dementias (3)

selected semesters

Familiarization with Alzheimer's disease and related dementias from a caregiver's perspective.

GRN 530 Multidisciplinary Approaches to Gerontology (3)

selected semesters

Examines literature that each discipline brings to the study of gerontology. Covers both theory and practice.

GRN 531 Caregiving (3)

selected semesters

Examines theory and practice of caregiving for the senior population.

GRN 540 Aging and Wellness (3)

selected semesters

One-on-one service/experiential learning with seniors from the community. Cross-listed as SWG 517 (available at Tempe campus). Credit is allowed for only GRN 540 or SWG 517.

GRN 550 Biology of Aging (3)

selected semesters

Examines normal biological aging and changes in the functional capabilities in the elderly.

GRN 560 Alzheimer's and Related Dementias (3)

selected semesters

Familiarizes students with Alzheimer's disease and related dementias from a caregiver's perspective

Health Science

HES 301 Adult Fitness I (1)

fall, spring, summer

Physical fitness and benefits of exercise. Emphasis on fitness assessment and designing an individualized assessment program. 2 hours a week. "Y/E" grade only. Not open to students with credit for EPE 301 or 325 or 494 or HES 494. Fee.

HES 302 Adult Fitness II (1)

fall, spring, summer

Continuation of HES 301. 2 hours a week. "Y/E" grade only. Not open to students with credit for EPE 301 or 325 or 494. Fee. Prerequisite: HES 301.

HES 303 Adult Fitness III (1)

fall, spring, summer

Continuation of HES 302. 2 hours a week. "Y/E" grade only. Not open to students with credit for EPE 301 or 325 or 494. Fee. Prerequisites: HES 301, 302.

HES 394 Special Topics (1)

fall, spring

Selected topics in Health Science, such as Tai Chi and Yoga. "Y/E" grade only.

Recreation and Tourism

REC 120 Leisure and Quality of Life (3)

fall, spring

Conceptual foundations for understanding the role of leisure in quality of life, socially, historically, psychologically, culturally, economically, and politically. General studies: SB.

REC 210 Leisure Delivery Systems (3)

selected semesters

Introduction to development, management, and organization of the public, not-for-profit, and private sectors for the leisure services profession.

REC 301 Leadership in Recreation and Tourism (3)

fall

Leadership theory and strategies applied to recreation and tourism settings, emphasizing group dynamics, motivational processes, and supervisory skills.

REC 302 Recreation and Tourism for Diverse Populations (3)

fall

The role of recreation and tourism in serving the needs of culturally, physically, emotionally, mentally, and demographically diverse populations. Involves fieldwork. General studies: C.

REC 303 Programming Recreation and Tourism Services (3)

spring

Foundations for effective programming of leisure services in public, not-for-profit, and private sectors. Involves fieldwork. Prerequisite: Recreation and Tourism Management major status or instructor approval.

REC 304 Recreation and Tourism Areas and Facilities Management (3)

spring

Principles of management, care, function, and maintenance of recreation and tourism areas, facilities, and resources. Field and classroom based. General studies: L.

Key to General Studies

Credit Abbreviations

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, and
/ or

REC 340 Outdoor Survival (3)*selected semesters*

Interdisciplinary approach to outdoor survival, including attitudes, psychological stress, physiological stress, preparation, hypothermia, navigation, flora, and wildlife. Field trips required.

REC 345 Team Building Strategies (3)*summer*

Exploration of the concepts and strategies for facilitating team building, self-confidence, and positive self-esteem in situations across the lifespan.

REC 360 Policy, Planning, Development of Recreation and Tourism Resources (3)*selected semesters*

An investigation of the policy, planning, development, and management practices related to the provision of recreation and tourism opportunities.

REC 373 Leisure Travel and Tourism (3)*fall*

An examination of leisure travel and tourism, tourist behavior, and the effect of tourism on communities. Prerequisite: ENG 101 (or 105). General studies: SB.

REC 401 Administration of Recreation and Tourism Services (3)*spring*

Basic application of management principles to recreation and tourism services. Includes budgeting, personnel actions, legal issues, and public relations. Involves fieldwork. Prerequisite: REC 210.

REC 402 Evaluation and Assessment in Recreation and Tourism (3)*spring*

In-depth development of a program evaluation. Specification of objectives, instrument development and administration, data analysis, and reporting findings. Prerequisite: REC 210 or instructor approval.

REC 403 Professional Development Seminar (3)*fall*

Emphasis on current professional issues and refinement of professional philosophy and competencies that enable transition from student to professional. Prerequisite: Recreation and Tourism Management major.

REC 404 Marketing Recreation and Tourism (3)*fall*

Principles of marketing and promotional strategy for recreation and tourism operations. Emphasizes case study experience with leading professionals.

REC 450 Leisure and Aging (3)*spring*

An examination of the factors influencing leisure among older adults, including policy issues and program service implications. Involves fieldwork.

REC 451 Grant Writing for Human Service Professionals (3)*fall, spring, summer*

How to increase grant funding: creating fundable ideas, identifying sponsors, following guidelines, writing effectively, constructing budgets, responding to reviewers.

REC 453 Volunteer Management in Human Service Organizations (3)*fall*

Administration of volunteer service programs. Study and analysis of volunteer personnel process.

REC 454 Human Services for At-Risk Youth (3)

Overview of policy and programs affecting at-risk youth. Includes examination of risk factors and programmatic solutions to them.

REC 458 International Tourism (3)*selected semesters*

A global examination of international tourism and its significance as a vehicle for social and economic development. General studies: G.

REC 473 Tourism Management (3)*selected semesters*

Operations and management of human, financial, environmental, and physical plant resources in travel and tourism enterprises.

REC 475 Entrepreneurial Recreation and Tourism (3)*spring*

Examination of the development, management, and future of for-profit ventures in recreation and tourism.

REC 484 Senior Internship (1-12)*fall, spring, summer*

Supervised field experience in selected recreation and tourism management enterprises. Fee. Prerequisites: Recreation and Tourism Management major or minor; for major, all 300 level major core courses completed; 2.00 GPA in major or minor.

REC 486 Special Events Management (3)*fall*

Principles of programming and managing special events for diverse populations. Class plans, conducts, and evaluates a community special event. Involves fieldwork.

REC 487 Special Events Management, Advanced (3)*spring*

Advanced principles of special event sponsorship, public relations, marketing, contracting, risk management, and financial management. Prerequisite: REC 486 or REC 598 ST: Special Events Management or COM 494 ST: Special Events Management or instructor approval.

REC 494 Special Topics (1-4)*fall, spring*

Topics in recreation, parks and tourism including commercial recreation, special events management, professional development seminar, management issues in leisure studies, issues in clinical therapeutic recreation, and activities and facilities modification in therapeutic recreation.

Social Work (Undergraduate)

SWU 271 Introduction to Social Work: Social Problems and Social Justice (3)

fall

Descriptive and historical perspectives of social problems, social justice issues and society's response to them. General studies: SB, H.

SWU 291 Social Service Delivery Systems (3)

spring

Introduction to federal and state social service delivery systems as well as private social service agencies. Purpose and structure of community resources will be explored. During the semester, students will be required to complete 40 hours of service learning in a social agency. Prerequisite: SWU 271 or instructor approval.

SWU 301 Human Behavior in the Social Environment I (3)

fall, spring

Introduction to interrelation of bio-psycho-sociocultural systems and their effect on behavior, birth-adolescence, focused on southwestern ethnic and cultural groups. Prerequisites: ENG 101 (or 105); PGS 101; SOC 101 (or 301). Pre or corequisites: SWU 271, 291; course in Human Biology. General studies: L.

SWU 310 Social Work Practice I (3)

fall, spring

Introduction to social work methods, emphasizing the following skills: relationship development, cross-cultural interviewing, communication patterns, and case-recording. Prerequisites: SWU 271, 291. Pre or corequisite: SWU 301.

SWU 331 Social Policy and Services I (3)

fall

History, philosophy, and values of social welfare; function and role of social welfare in society; development of the social work profession and practice. Prerequisites: ECN 111; POL 110; SWU 271, 291. General studies: H.

SWU 402 Human Behavior in the Social Environment II (3)

spring

Sequel completing study of life span development and behavior which forms base for social work practice. Prerequisite: SWU 301. General studies: SB.

SWU 410 Social Work Practice II (3)

fall

Introduction to generalist social work; major areas of knowledge, values and skills basic to the social work helping process focused on individuals and families. Prerequisites: PHI 101; SWU 301, 310; Social Work major. Corequisites: SWU 412, 413.

SWU 411 Social Work Practice III (3)

spring

Applications of theoretical frameworks to social work practice at group and community levels. Prerequisites: SWU 410, 412, 413; Social Work major. Corequisites: SWU 414, 415. Pre or corequisite: SWU 420.

SWU 412 Field Instruction I (5)

fall

Sixteen hours a week of supervised practice in an approved placement. "Y/E" grade only. Fee. Prerequisite: Social Work major. Corequisites: SWU 410, 413.

SWU 413 Field Instruction Seminar I (1)

fall

Field-focused seminar, including practice evaluation. 1.5 hours a week. Prerequisite: Social Work major. Corequisites: SWU 410, 412.

SWU 414 Field Instruction II (5)

spring

Sixteen hours a week of supervised practice in an approved placement. "Y/E" grade only. Fee. Prerequisites: SWU 410, 412, 413; Social Work major. Corequisites: SWU 411, 415.

SWU 415 Field Instruction Seminar II (1)

spring

Field-focused seminar, including practice evaluation. 1.5 hours a week. Prerequisites: SWU 410, 412, 413. Corequisites: SWU 411, 414.

SWU 420 Practice-Oriented Research (3)

fall, spring

Application of scientific principles to field practice, problem formulation, intervention procedures, and impact assessment in social work. Prerequisite: SWU 310. Pre or corequisites: an approved course in data analysis techniques or instructor approval.

SWU 432 Social Policy and Services II (3)

spring

Contemporary social, political, and economic issues. Special emphasis on poverty and inequality in the Southwest. Analysis and development of social welfare policies and programs. Prerequisite: SWU 331.

SWU 474 Ethnic/Cultural Variables in Social Work (3)

fall, spring

A basic conceptual approach to understanding ethnic/cultural variables of southwestern ethnic minorities and how these factors influence social work practice. General studies: C.

Key to General Studies

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, and
/ or

SWU 494 Special Topics (1-4)*fall, spring*

Topics in Social Work related to in-depth theory and practice in a specific social work area, including child welfare, gerontology, domestic violence, mental health, disability, culturally-sensitive practice, family intervention, advocacy, crime and delinquency, school-based practice, and others.

Social Work (Graduate)**SWG 503 Development of Families in Oppressive Context (3)***fall*

Course addresses the development of healthy families and children. Essential tasks of human development and theories that inform practice are explored. Prerequisite: admission to MSW program or instructor approval.

SWG 504 Theories of Human Behavior (3)*spring*

Course addresses development of healthy adults and human behavior in groups, organizations, and communities. Prerequisite: SWG 503

SWG 512 Values and Ethics of Social Work Practice I (3)*fall*

Develops a basic understanding of diverse ethical systems and their application to a broad range of human problems in various social and cultural contexts. Prerequisite: admission to MSW program or instructor approval.

SWG 513 Advanced Social Work Generalist Practice II (3)*spring*

Building on SWG 512, this course assists students in continuing to develop and apply a generalist framework of social work practice. Theories of practice are examined. Prerequisite: SWG 512 or instructor approval.

SWG 520 Research and Advocacy (3)*spring*

Develops knowledge and skills needed to utilize and engage in social research related to advocacy issues and the evaluation of social work practice. Prerequisites: undergraduate statistics course; admission to MSW program or instructor approval.

SWG 532 Policy and Social Change (3)*fall*

An overview of the history, development, pertinent concepts, skills and definitions associated with social welfare problems and policies. Prerequisite: admission to MSW program or instructor approval.

SWG 534 Diversity and Underserved Populations (3)*fall*

Examines issues of privilege and oppression, including their impact on the social work process, with the goal of developing a culturally competent master's level social worker. Prerequisite: admission to MSW program or instructor approval.

SWG 540 The Professional Experience I (3)*fall*

Engages the students in 150 clock hours of supervised social work practice and provides opportunities to apply classroom learning in the field setting. "Y/E" grade only. Fee. Prerequisite: admission to MSW program or instructor approval. Corequisite: SWG 512.

SWG 543 The Professional Experience II (5)*spring*

Engages the students in 250 hours of supervised social work practice and provides opportunities to apply classroom learning in the field setting. "Y/E" grade only. Fee. Prerequisite: SWG 512. Corequisite: SWG 513.

SWG 598 Special Topics (1-4)*fall, spring*

Topics in Social Work related to in-depth theory and practice in a specific social work area, including child welfare, gerontology, domestic violence, mental health, disability, culturally-sensitive practice, family intervention, advocacy, crime and delinquency, school-based practice, and others. Prerequisite: admission to MSW program or instructor approval.

SWG 600 Foundation for Advanced Practice (3)*summer*

Course will prepare student for advanced generalist study and practice through an exploration of social work research and theory. Prerequisites: admission into advanced standing; undergraduate statistics course.

SWG 607 Social Work Perspective in Alcohol and Drug Addiction (3)*selected semesters*

This course engages students in analyzing the social impact of alcohol and drugs and prepares them to team with drug and alcohol counselors. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 610 Advanced Social Work Practice III (3)*fall*

This course assists students in advanced theoretical understanding and practice with families, groups, and communities. Prerequisite: completion of foundation courses or advanced standing or instructor approval. Corequisite: SWG 645, 693.

SWG 612 Advanced Generalist Social Work Practice IV (3)*spring*

Integration of a multilevel approach to practice with critical choice theories and interventions. Focus on groups, organizations, and communities and their impact on social work practice. Prerequisite: SWG 610. Corequisite: SWG 646, 693.

SWG 615 Effective Intervention with Children and Adolescents (3)*spring*

Provides a framework of knowledge, theories, and skills for effective social work practice with vulnerable children and adolescents. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 625 Violence Across the Life Cycle (3)

spring

Course examines contributions of various theories and empirical studies in understanding personal and societal consequences of violence. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 626 Crisis Intervention and Short-Term Treatment (3)

once a year

A comprehensive analysis of crisis and solution-focused brief intervention strategies and approaches used in advanced social work practice. Prerequisite: SWG 610 or instructor approval.

SWG 631 Advanced Policy Analysis (3)

fall

Course supports Advanced Generalist practice with emphasis on policy analysis and philosophy and politics of resource allocation and social welfare. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 635 Advanced Policy – Children, Youth, and Families (3)

selected semesters

Provides knowledge base for analysis, implementation and advocacy of social policies and services for children, youth, and families. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 637 Aging and Social Policy (3)

selected semesters

This course deals with policy and planning issues that are specific to the older adult populations in the United States. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 645 The Professional Experience III (5)

fall, summer

Engages the students in 250 hours of supervised social work practice and provides opportunities to apply classroom learning in the field setting. “Y/E” grade only. Fee. Prerequisites: completion of foundation courses or advanced standing or instructor approval; SWG 543. Corequisite: SWG 610, 693.

SWG 646 The Professional Experience IV (5)

fall, spring

Engages the students in 250 hours of supervised social work practice and provides opportunities to apply classroom learning in the field setting. “Y/E” grade only. Fee. Prerequisites: completion of foundation courses or advanced standing or instructor approval; SWG 645. Corequisite: SWG 612, 693.

SWG 650 Grief and Loss (3)

spring

Addresses theory, research and interventions related to grief and loss, using the human life span as its organizing framework. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 651 Theories of Aging (3)

spring

This course is a review and critique of theories that influence research, policy and social work practice with older adults. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 652 Human Services for At-Risk Youths (3)

spring

This course emphasizes interdisciplinary and multidisciplinary approaches to addressing the problems that face youth today. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 653 Theory and Practice of Family Therapy (3)

selected semesters

Provides advanced theoretical knowledge and family treatment models for the practice of social work with families. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 655 Issues in Prevention (3)

spring

This course focuses on knowledge and skills in prevention of a multiplicity of problems and the promotion of healthy living. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

SWG 693 Applied Project (1-3)

fall, spring

Preparation of a supervised professional project. Corequisite: SWG 645 or 646.

SWG 697 Special Topics in Working with Diverse Groups (3)

fall, spring, summer

These courses will: provide practice strategies for clients of specific marginalized groups; address access to resources; and describe the larger political context and policy issues that impact the particular group. Prerequisite: completion of foundation courses or advanced standing or instructor approval.

Omnibus courses: See [page 55](#) for omnibus courses that may be offered.

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, and / or

College of Teacher Education and Leadership



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Interim Dean:
Joseph M. Ryan, PhD

Location:
FAB S210
(602) 543-6300

College website:
www.west.asu.edu/coe

Professors:
Awender, Cardelle-Elawar,
Haladyna, Malian,
D. Moore, Ryan, Wetzal

Associate Professors:
Buss, Christie, De La Cruz,
Glass, Haas, Hess, Irwin,
Kelley, Painter, Perry,
Puckett, Ridley, Rillero,
R. Zambo

Assistant Professors:
Amobi, Beardsley, Beckett,
Brown, Coulter, Foulger,
Hansen, Hinde, Onofrey,
Popp, Reese, Renne, Ruff,
Wilhelm, D. Zambo

Lecturer:
Buscher, Carter, Gable,
George, Hurwitz, Larson,
Lewallen, Messner,
M. Williams

Purpose

The College of Teacher Education and Leadership prepares tomorrow's educators to teach in ever-changing settings through commitment to high standards of innovative teaching, broad-based scholarship, and quality service to the university and the community.

The college balances academic concepts with current research and best practices, accompanied by prompt exposure to "real world" classrooms. This integration of theory with practice strengthens future teachers' abilities to continually refine their instruction.

Programs in the college offer flexible scheduling, small classes, and professors who enjoy teaching students of various ages from those whose maturity and experience add immeasurably to classroom discussion to those who are just beginning to explore their options. The college prepares students to be professional education leaders.

The College of Teacher Education and Leadership provides undergraduate and graduate professional education programs. Some programs lead to the initial certification of elementary, secondary, and special education teachers. Other programs lead to master's degrees in Educational Administration and Supervision, Elementary Education, Secondary Education, and Special Education. Graduate courses are also offered for certification in Educational Administration and Supervision.

The faculty of the College of Teacher Education and Leadership offers the following degree or certification programs:

BAE Elementary Education

Concentrations:

Bilingual education

Early childhood

English as a second language

Option:

Middle-school education

BAE Secondary Education

Academic Specializations:

English

History

Mathematics

Social studies

Option:

Middle-school education

BAE Special Education

MEd Educational Administration and Supervision

MEd Elementary Education

Concentrations:

Bilingual education

ESL education

Educational technology

Reading

MEd Secondary Education

Concentration:

Educational technology

MEd Special Education

Concentration:

Infants and young children

Postbaccalaureate Programs for Teacher Certification

Elementary education

Secondary education

Special education

Certification programs

Education programs are approved by the Arizona Department of Education for the preparation of elementary, secondary, and special education teachers. Other programs of study offered by the faculty of the College of Teacher Education and Leadership include:

- Concentrations in bilingual education and English as a second language required for endorsement of teachers specifically responsible for providing bilingual or English as a second language instruction to students in elementary grades.

- An early childhood concentration that allows students to specialize in teaching kindergarten through grade three.
- A middle school endorsement for both elementary and secondary education students.
- At the graduate level, Educational Administration and Supervision courses that meet the state certification requirements for supervision, principalship, and superintendency.

Undergraduate Professional Teacher Preparation

Nature of program

The College of Teacher Education and Leadership faculty is dedicated to developing and continuously improving high quality teacher education programs that support and improve education for all children.

Career outlook

The career outlook for the teaching profession is quite promising in Arizona and the nation. Students seeking endorsements in bilingual and English as a second language, as well as those seeking certification in special education will find that demand is great in these areas. Demand for elementary and early childhood educators will continue to be strong. In secondary education, demand in the sciences and mathematics will be substantial. There will be more competition for teaching positions in English, history, and social studies at the secondary level. Our Education graduates are highly sought after by area school districts.

General information

Admission. To be considered for admission as undergraduate education majors, students must:

1. be admitted to ASU's West campus as a degree-seeking student;
2. complete required postsecondary course work as specified for each major with a grade

of "C" (2.00) or better and attain a cumulative GPA of 2.50 or higher; and

3. submit a completed application form for the desired professional education program to the college Academic Advising Office by the appropriate deadline date.

Students are considered for admission to undergraduate education programs in the spring of each year for the following fall semester and in the fall of each year for the following spring semester. Applicants should contact the college Academic Advising Office for specific deadline dates, which are determined annually.

Admission to undergraduate education programs is selective. Meeting minimum requirements does not ensure admittance to any program.

Transfer. To be considered for admission to an undergraduate education major, prospective students must meet all admission requirements to ASU as well as those for undergraduate education programs. Students must complete the first two years of specified course work at an accredited community college or four-year institution. Prospective students are discouraged from taking courses on a pass/fail basis. Pass/fail courses may be transferred to the College of Teacher Education and Leadership only for elective credit. For assistance in planning a program of study for transfer to the BAE program,

contact the college Academic Advising Office, (602) 543-6367.

Degree requirements. Students seeking a Bachelor of Arts in Education degree must satisfactorily complete a minimum of 120 semester hours and attain a cumulative GPA of 2.50 or higher. Specific requirements for majors in Elementary Education, Secondary Education, and Special Education are provided on the following pages of this catalog.

Education students must file a Declaration of Graduation during the first semester by consulting a college academic advisor. The four semesters of the program are sequential.

The College of Teacher Education and Leadership grades some courses, field experiences, and student teaching on a satisfactory/fail basis. Students who successfully complete these courses, receive a grade of “Y” (satisfactory). Such grades are acceptable for meeting program requirements, but these grades are not included in computing the student’s grade point average.

Any exceptions to these requirements must be approved by a college academic advisor.

Field-experience requirements. In addition to course work, students admitted to all undergraduate education programs are required to participate in structured field experiences during each of the four semesters of the program.

The field experiences progress from observation and short-term participation to long-term supervised student teaching. Students should expect these field experiences to be above and beyond the class times listed in the *Schedule of Classes* for each semester. Such field experiences typically take place in public schools throughout the greater Phoenix area. The Elementary Education program includes at least one semester of field experiences at a local public school campus taken concurrently with university course

work. Students should plan extra travel time and expect to confer with mentor teachers and student teacher supervisors before or after scheduled field experiences. Regular attendance is required during all field experiences. To meet field experience requirements, students must plan to have their own transportation and be available during regular school hours.

Student teaching. The major field experience, called student teaching, occurs in the last semester and is a full-day, full-semester obligation. Student teaching is only possible during fall and spring semesters.

Applications for student teaching must be completed early in the semester before the student teaching semester and turned in to the Office of Field Experiences. To be accepted for student teaching, students must:

1. have cumulative ASU GPA of 2.50 or higher;
2. have a GPA of 2.50 or higher in professional teacher preparation course work;
3. complete all required professional teacher preparation course work;
4. successfully complete the CTEL Writing Assessment or, for Special Education majors only successfully complete writing requirements established in a Professional Improvement Plan;
5. remove all academic deficiencies, such as grades of “D” (1.00), “E” (0.00), or “I” before placement;
6. demonstrate appropriate professional conduct; and
7. complete the application procedure and secure approval to student teach from the Offices of Field Experiences and Academic Advising prior to the deadline date.

Student teachers must adhere to the calendar, regulations, and philosophy of the schools in which they are placed. Beginning and ending dates for student teaching are determined by the Office of Field Experiences in cooperation with the placement schools. Because student teaching is on a full-day schedule, 8:00 a.m. to 4:00 p.m. Monday through Friday for 15 consecutive weeks, student teachers are strongly encouraged to avoid extra activities and coursework that would interfere with the heavy demands placed upon them while student teaching.

Academic policies. Students enrolled in undergraduate education programs are expected to maintain academic standards and demonstrate qualifications for the teaching profession, including mental health, interpersonal skills, basic communication skills, a positive attitude, appropriate professional conduct, and satisfactory performance in field experiences.

To be in good standing, students must maintain an overall cumulative GPA of 2.50 or higher with at least a grade of “C” (2.00) in each undergraduate education course. Any undergraduate education student whose cumulative GPA falls below 2.50 may be placed on academic probation or suspended from enrollment in professional courses for the next semester. Students on academic probation or suspension from the university and/or the College of Teacher Education and Leadership must seek advisement from a

college academic advisor before registering for additional course work. Probation and/or suspension status for academic reasons begins on the first day of classes of the semester after the probation or suspension action. Students placed on probation or suspension for any reason are subject to disqualification by the College of Teacher Education and Leadership at the end of the following semester if the conditions imposed for reinstatement are not met. Students placed on probation or suspension for any reason are reviewed at the end of the following semester.

Students demonstrating behaviors or characteristics that make it questionable whether they can succeed in the teaching profession may be disqualified or prescribed specific conditions under which continued participation is permitted, i.e., probation or suspension.

Students who wish to appeal decisions of the College of Teacher Education and Leadership’s Student Issues Committee may do so in writing to the dean of the college. Any exceptions to the above retention and disqualification policies and procedures must be approved by the College of Teacher Education and Leadership’s Student Issues Committee and the dean of the college.

Admission requirements

To be considered for admission to the Elementary Education Major, applicants must:

1. complete a minimum of 56 semester hours of course work as outlined below at West campus or equivalent courses at another accredited college or university, with a grade of “C” (2.00) or better and an overall GPA of 2.50 or higher;
2. applicants in Bilingual Education only must show proficiency in Spanish by—
 - a. a grade of “C” (2.00) or better in SPA 202 Intermediate Spanish *or*
 - b. a CLEP score of 62 or higher on College Spanish General Examination *or*
 - c. passing scores on all four areas of the Arizona Spanish Proficiency Examination;
3. submit a completed application form for the Elementary Education program to the college Academic Advising Office by the appropriate deadline date.

Required courses

		Semester Hours	
ENG	101, 102	First-Year Composition <i>or</i>	3-6
ENG	105	Advanced First-Year Composition	
MAT	142	College Mathematics (MA) or higher level math course	3
MTE	180	Theory of Elementary Mathematics 1	3
MTE	181	Theory of Elementary Mathematics 2	3
CSE	180	Computer Literacy (CS) <i>or</i>	3
EDT	321	Computer Literacy (CS)	
COE	111	Exploration of Education (SB)	3
COE	212	Understanding the Culturally Diverse Child (C)	3
SPE	222	Orientation to Education of Exceptional Children (SB)	3
HIS	103	The United States (SB, H) <i>or</i>	3
HIS	104	The United States (SB, H)	

Selected courses

Natural Science/Lab - Quantitative (SQ) course	4
Natural Science/Lab - Quantitative or General (SQ/SG) course	4
Literacy and Critical Inquiry (L) course	3
Humanities and Fine Arts (HU) course	3
Humanities and Fine Arts (HU) course	3
Global Awareness (G) course	3
Electives	6-9
Total	56

Some General Studies courses may be used to satisfy a General Studies core area requirement and one-two awareness area requirements at the same time, leaving the student more free-choice electives. Selected courses and General Studies courses should be chosen in consultation with a college academic advisor. Credit for SPA 101, 102, 201, 202 may also be counted as elective credit toward the 56 semester hour requirement.

Program requirements

Candidates for the degree of Bachelor of Arts in Education, Major in Elementary Education are required to complete an approved program of 120 semester hours. These hours include:

- 56 semester hours of specified lower division courses for admission
- 35 semester hours of General Studies courses
- 51 semester hours of specified upper division course work in professional education
- 6 semester hours of upper division content course work selected in consultation with a college academic advisor including:
 - one course from AMS, ENG, GCU, HIS, POL, or SPA (Bilingual Education majors only); and
 - one course from LSC or PHS
- 3 semester hours of upper division elective course work
- BLE concentration requires proficiency in Spanish; ESL concentration requires six semester hours in a single foreign language or its equivalent

For efficient progress toward the baccalaureate degree, much of this course work must be taken at the lower division and selected so that courses will count toward more than one requirement simultaneously. Prospective elementary education majors are encouraged to contact the college Advising Office to plan their program of study beyond the required course work noted for admission above.

Upper division, professional education courses include College of Teacher

Education and Leadership core curriculum courses, elementary education courses, and field experience courses prior to and including student teaching. This course work prepares individuals with abilities and attitudes to work in elementary schools. The combination of course work and field experience is aligned with the Arizona Professional Teaching Standards. Specified courses in elementary education are listed on the following pages.

Middle School Endorsement. Students in Elementary Education and Bilingual/ESL Education may elect to pursue the Middle School endorsement. Those who seek this endorsement must take 24 semester hours of coursework in a content area (e.g., English, mathematics, science, social studies, etc.). A decision to pursue the Middle School endorsement should be made very early in the pursuit of a degree, certainly prior to admission to the program. Content coursework should be selected in consultation with a college academic advisor. Students electing this option must also take EED 464 Middle School Curriculum and Organization and perform their student teaching at the middle school level.

Elementary education students should review General Information, Field Experience Requirements, Student Teaching, and Academic Policies on [pages 154-156](#) of this catalog.

Elementary Education (K-8) Major**Semester 1 - 15 semester hours**

- BLE 312 ESL, Diversity, and Culture in Education (3) (L)
 COE 311 Instruction and Management in the Inclusive Classroom (3)
 COE 313 Educational Technology in the K-12 Curriculum (3)
 COE 314 Classroom Assessment (3)
 COE 315 Child and Adolescent Development (3) (SB)
 COE 396 Field Experience 1 (0)

Semester 2 - 12 semester hours

- BLE 321 ESL Methods for Diverse Language Classrooms (3)
 RDG 322 Language Literacy 1 in Elementary Schools (3)
 EDP 323 Professional Development, Learning, and Motivation (3)
 EED 324 Social Studies in Elementary Schools (3)
 EED 397 Field Experience 2 (0)

Semester 3 - 12 semester hours

- EED 411 Science in Elementary Schools (3)
 EED 412 Mathematics in Elementary Schools (3)
 RDG 413 Language Literacy 2 in Elementary Schools (3)
 EED 414 Elementary Curriculum and Organization (3) *or*
 EED 464 Middle School Curriculum and Organization (3)
 EED 496 Field Experience 3 (0)

Semester 4 - 12 semester hours

- EED 478 Student Teaching in the Elementary School (9)
or
 EED 578 Student Teaching in the Elementary School (9)
 EED 479 Capstone Seminar in Elementary Education (3)

Elementary Education (K-8) Major with Concentration in Bilingual Education or English as a Second Language Education**Semester 1 - 15 semester hours**

- BLE 312 ESL, Diversity, and Culture in Education (3) (L)
 COE 311 Instruction and Management in the Inclusive Classroom (3)
 COE 313 Educational Technology in the K-12 Curriculum (3)
 COE 314 Classroom Assessment (3)
 COE 315 Child and Adolescent Development (3) (SB)
 COE 396 Field Experience 1 (0)

Semester 2 - 12 semester hours

- BLE 321 ESL Methods for Diverse Language Classrooms (3)
 BLE 322 Second Language Literacy 1 in Elementary Schools (3)
 EDP 323 Professional Development, Learning, and Motivation (3)
 BLE 324 Social Studies for Diverse Language Classrooms (3)
 EED 397 Field Experience 2 (0)

Semester 3 - 12 semester hours

- EED 411 Science in Elementary Schools (3)
 EED 412 Mathematics in Elementary Schools (3)
 BLE 413 Second Language Literacy 2 in Elementary Schools (3)
 BLE 414 Bilingual/ESL Curriculum and Organization (3)
 EED 496 Field Experience 3 (0)

Semester 4 - 12 semester hours

- BLE 478 Student Teaching in Diverse Language Classrooms (9) *or*
 BLE 578 Student Teaching in Diverse Language Classrooms (9)
 BLE 479 Capstone Seminar in Bilingual/ESL Education (3)

Elementary Education (K-8) Major with Concentration in Early Childhood Education**Semester 1 - 15 semester hours**

- BLE 312 ESL, Diversity, and Culture in Education (3) (L)
 COE 311 Instruction and Management in the Inclusive Classroom (3)
 COE 313 Educational Technology in the K-12 Curriculum (3)
 COE 314 Classroom Assessment (3)
 COE 315 Child and Adolescent Development (3) (SB)
 COE 396 Field Experience 1 (0)

Semester 2 - 12 semester hours

- BLE 321 ESL Methods for Diverse Language Classrooms (3)
 RDG 322 Language Literacy 1 in Elementary Schools (3)
 EDP 323 Professional Development, Learning, and Motivation (3)
 ECD 324 Social Studies and Creative Arts for Primary Level Children (3)
 EED 397 Field Experience 2 (0)

Semester 3 - 12 semester hours

- EED 411 Science in Elementary Schools (3)
 EED 412 Mathematics in Elementary Schools (3)
 RDG 413 Language Literacy 2 in Elementary Schools (3)
 ECD 414 Early Childhood Curriculum and Organization (3)
 EED 496 Field Experience 3 (0)

Semester 4 - 12 semester hours

- EED 478 Student Teaching in the Elementary School (9)
or
 EED 578 Student Teaching in the Elementary School (9)
 ECD 479 Capstone Seminar in Early Childhood Education (3)

Bachelor of Arts Degree in Education, Major in Secondary Education

Chair, Department of Secondary Education: Nancy S. Haas, PhD
 Location: FAB S254
 (602) 543-6445

Admission requirements

To be considered for admission to the Secondary Education Major, applicants must complete a minimum of 56 semester hours of course work as outlined below at West campus or equivalent courses at another accredited college or university, with a grade of “C” (2.00) or better and an overall GPA of 2.50 or higher:

	Semester Hours
Required courses	
ENG 101, 102 First-Year Composition <i>or</i>	3-6
ENG 105 Advanced First-Year Composition	
MAT 142 College Mathematics (MA) or higher level math course	3
SPE 222 Orientation to Education of Exceptional Children (SB)	3
Selected courses	
Computer/statistics/quantitative application (CS) course	3
Natural Science/Lab - Quantitative (SQ) course	4
Natural Science/Lab – Quantitative or General (SQ/SG) course	4
Literacy and Critical Inquiry (L) course	3
Humanities and Fine Arts (HU) course	3
Humanities and Fine Arts (HU) course	3
Social and Behavioral Sciences (SB) course	3
Cultural Awareness in the U.S. (C)	3
Global Awareness (G) course	3
Historical Awareness	3
Electives	12-15
Total	56

Program requirements

Candidates for the degree of Bachelor of Arts in Education, Major in Secondary Education are required to complete an approved program of 120 semester hours. These hours include:

- 56 semester hours of specified lower division courses for admission
- 35 semester hours of General Studies courses
- 37-39 semester hours of specified upper division course work in professional education

- 36-39 semester hours of course work in an academic specialization

Some General Studies courses may be used to satisfy a General Studies core area requirement and one-two awareness area requirements at the same time, leaving the student more free-choice electives. Academic specialization courses may be used to fulfill General Studies or elective requirements. Selected courses and General Studies courses should be chosen in consultation with a college Academic Advisor.

Secondary education students should also review General Information, Field Experience Requirements, Student Teaching, and Academic Policies on [pages 154-156](#) of this catalog.

Secondary Education (7-12) Major

Semester 1 - 15 semester hours

- BLE 312 ESL, Diversity, and Culture in Education (3) (L)
- COE 311 Instruction and Management in the Inclusive Classroom (3)
- COE 313 Educational Technology in the K-12 Curriculum (3)
- COE 314 Classroom Assessment (3)
- COE 315 Child and Adolescent Development (3) (SB)
- COE 396 Field Experience 1 (0)

Semester 2 - 12 semester hours

- SED 321 Critical Issues in Secondary Education (3)
- SED 322 Classroom Leadership in Secondary Schools (3)
- RDG 323 Literacy Processes in Content Areas (3)
- _____ Major methods course (3)
- SED 397 Field Experience 2 (0)

Semester 3 - 10-12 semester hours

- SED 478 Student Teaching in the Secondary School (10-12)

Additional requirements

Additional course work, taken outside the College of Teacher Education and Leadership, is required for the academic specialization in secondary education. The New College of Interdisciplinary Arts and Sciences offers courses that are required for secondary education certification in four areas - English, History, Social Studies, and Mathematics. Since these four secondary specializations are best supported at ASU's West campus, prefer-

ence in admissions is given to students applying to these areas. Secondary majors, who elect a specialization other than the four offered at West campus, must complete a substantial portion of their specialization course work and the major methods course at ASU's Tempe campus. Refer to the pages shown below for descriptions of the academic specializations available at West campus.

Academic specialization	Page
English	199
History	204
Mathematics	187
Social Studies	213

Bachelor of Arts Degree in Education, Major in Special Education

Chair, Department of Special Education: Ida Malian, PhD
 Location: FAB S252A
 (602) 543-6380

Career outlook

The career outlook for this teaching profession is quite promising. Special educators are in high demand in Arizona as well as many other states. Demand is expected to remain strong. Special Education graduates are highly regarded by school districts. There are also many opportunities for special education program graduates to take positions in K-8 classrooms as they may be eligible for elementary education certification. Increasing proportions of school districts practice full inclusion of students with disabilities into general education classes which increases the demand for qualified special educators.

Admission requirements

To be considered for admission to the Special Education Major, applicants must complete a minimum of 56 semester hours of course work as outlined below at West campus or equivalent courses at another accredited college or university, with a grade of "C" (2.00) or better and an overall GPA of 2.50 or higher.

Required courses			Semester Hours
ENG	101, 102	First-Year Composition <i>or</i>	3-6
ENG	105	Advanced First-Year Composition	
MAT	142	College Mathematics (MA) or higher level math course	3
MTE	180	Theory of Elementary Mathematics 1	3
MTE	181	Theory of Elementary Mathematics 2	3
CSE	180	Computer Literacy (CS) <i>or</i>	3
EDT	321	Computer Literacy (CS)	
COE	111	Exploration of Education (SB)	3
COE	212	Understanding the Culturally Diverse Child (C)	3
SPE	222	Orientation to Education of Exceptional Children (SB)	3
HIS	103	The United States (SB, H) <i>or</i>	3
HIS	104	The United States (SB, H)	
Selected courses			
Natural Science/Lab - Quantitative (SQ) course			4
Natural Science/Lab - Quantitative or General (SQ/SG) course			4
Literacy and Critical Inquiry (L) course			3
Humanities and Fine Arts (HU) course			3
Humanities and Fine Arts (HU) course			3
Global Awareness (G) course			3
Electives			6-9
Total			56

Some General Studies courses may be used to satisfy a General Studies core area requirement and one-two awareness area requirements at the same time, leaving the student more free-choice electives. Selected courses and General Studies courses should be chosen in consultation with a college Academic Advisor.

Programs requirements

Candidates for the degree of Bachelor of Arts in Education, Major in Special Education are required to complete an approved program of 120 semester hours. These hours include:

- 56 semester hours of specified lower division courses for admission
- 35 semester hours of General Studies courses
- 60 semester hours of specified upper division course work in professional education

Upper division, professional education courses include College of Teacher Education and Leadership core curriculum courses, special education courses, and field experience courses prior to and including student teaching. This course work prepares individuals with abilities and attitudes to work in special education classrooms. The combination of course work and field experience is aligned with the Arizona Professional Teaching Standards.

Special education students should review General Information, Field Experience Requirements, Student Teaching, and Academic Policies on [pages 154-156](#) of the catalog.

Special Education (K-12) Major

Semester 1 - 15 semester hours

- BLE 312 ESL, Diversity, and Culture in Education (3) (L)
 COE 311 Instruction and Management in the Inclusive Classroom (3)
 COE 313 Educational Technology in the K-12 Curriculum (3)
 COE 314 Classroom Assessment (3)
 COE 315 Child and Adolescent Development (3) (SB)
 COE 396 Field Experiences 1 (0)

Semester 2 - 15 semester hours

- RDG 322 Language Literacy 1 in Elementary Schools (3)
 SPE 310 Professional Practices in Special Education (3)
 SPE 317 Special Education for Culturally and Linguistically Diverse Children and Youth (3)
 SPE 320 Assessment and Evaluation in Special Education (3) (L)
 SPE 322 Behavior Management and Consultation (3)
 SPE 397 Field Experience 2 (0)

Semester 3 - 15 semester hours

- EED 412 Mathematics in Elementary Schools (3)
 SPE 318 Family-school Collaboration: An Integrated Approach for Children and Adolescents with Special Needs (3)
 SPE 423 Technology and Instructional Methods in Language, Reading, and Mathematics for Students with Mild/Moderate Disabilities (3)
 SPE 424 Methods in Cross-Categorical Special Education (3)
 SPE 431 Collaborative Teaching Methods for General Education Classroom Environments (3)
 SPE 496 Field Experience 3 (0)

Semester 4 - 15 semester hours

- SPE 478 Student Teaching in Special Education (12)
 SPE 440 Professional Seminar in Special Education (3)

Postbaccalaureate Programs for Teacher Certification

Interim Chair, Department of Graduate Studies and Professional Development: Ida Malian, PhD
Location: FAB S220
(602) 543-3634

Nature of program

Postbaccalaureate programs that lead to initial teaching certification are designed for people who hold bachelor's degrees in areas other than education. Postbaccalaureate programs are available in elementary education, secondary education, and special education.

Please review Career Outlook, [page 154](#), for employment demand and/or see a college academic advisor.

Admission requirements

In order to be considered for admission to postbaccalaureate programs in education, students must:

1. submit transcripts indicating an earned bachelor's degree from an accredited institution;
2. have a cumulative GPA of 2.50 or higher on the last 60 semester hours of credit earned;
3. be admitted to ASU's West campus as a nondegree graduate student; and
4. submit a completed application form for the Postbaccalaureate Programs for Teacher Certification by the appropriate deadline dates to the college of Academic Advising Office.

Note: Students will not be allowed to take course work prior to admittance to the program.

Students are admitted to the postbaccalaureate programs in education in the fall of each year for the following spring semester and in the spring of each year for the following fall semester. Applicants should contact the college Academic Advising Office for specific deadline dates, which are determined annually.

Admission to postbaccalaureate programs is selective. Meeting minimum requirements does not ensure admittance to the program.

Curriculum

Elementary education. Elementary postbaccalaureate students may choose any of the three elementary programs including the Elementary Education program, Elementary Education program with a Concentration in Bilingual Education or English as a Second Language Education, or Elementary Education program with a Concentration in Early Childhood Education. Course work for postbaccalaureate students is composed of 51 semester hours of specified professional education courses appropriate to the particular elementary education program selected by the student, MTE 180 and 181, three semester hours of computer literacy course work, and up to six semester hours of content course work, which will be determined based on a review of the student's transcript by the college Advising Office.

Secondary education. Coursework for the postbaccalaureate program in secondary education includes 33 semester hours of specified professional education courses as outlined below, and completion of academic specialization course work sufficient to allow an individual to pass one or more of the subject knowledge portions of the Arizona Educator Proficiency Assessments (AEPAs).

Postbaccalaureate Secondary Education (7-12) Program

Level 1 - 12 semester hours

- COE 313 Educational Technology in the K-12 Curriculum (3)
- COE 314 Classroom Assessment (3)
- RDG 507 Content Area Reading (3)
- SED 501 Introduction to Effective Instruction (3)
- COE 396 Field Experience 1 (0)

Level 2 - 9 semester hours

- BLE 312 ESL, Diversity, and Culture in Education (3)
- EDP 510 Essentials of Classroom Learning (3)
- — Major methods course (3)
- SED 397 Field Experience 2 (0)

Level 3 - 12 semester hours

- SED 578 Student Teaching in the Secondary School (12)

Secondary postbaccalaureate education students majoring in areas other than English, History, Mathematics, or Social Studies may be required to take their major methods course at ASU's Tempe campus. The curriculum in each postbaccalaureate program contains specified courses that must be taken prior to student teaching. Information about these courses is available from the college Academic Advising Office.

Special education. Coursework for the Postbaccalaureate Program in Special Education includes 45 - 60 hours of specialized classes in special education along with field experience. The coursework is identical to the professional teacher preparation requirements for the BAE, major in Special Education outlined on [page 162](#). Students with a degree in education or a certificate in education may have Semester I coursework waived pending a review of the student's transcript by the college Advising Office.

Student teaching

Student teaching is the last course in the sequence taken by postbaccalaureate students. Students must file applications for student teaching early in the semester prior to the student teaching term. The Office of Field Experiences provides information about the deadlines for student teaching applications.

To be accepted for student teaching, students must:

1. be admitted to the Postbaccalaureate Programs for Teacher Certification;
2. have a cumulative GPA of 2.50 or higher in required professional education course work;
3. complete all required professional teacher education course work;
4. remove all academic deficiencies such as grades of "D" (1.00), "E" (0.00), or "I" before placement;
5. demonstrate appropriate professional conduct during the field experiences prior to student teaching; and
6. complete the application procedure and secure approval to student teach from the Offices of Field Experiences and Academic Advising prior to the deadline date.

Graduate Programs

Nature of programs

The College of Teacher Education and Leadership offers Master of Education degrees in four program areas: Educational Administration and Supervision, Elementary Education, Secondary Education, and Special Education. In addition to master's degree course work, the Educational Administration and Supervision program also offers courses which meet the state certification requirements for supervision, principalship, and superintendency.

The faculty of the College of Teacher Education and Leadership also offers course work that meets personal and professional development needs of West Valley teachers. For specific information about the four graduate programs in Education, contact the graduate programs secretary in the Faculty Administration Building S220 or call (602) 543-3634.

Admission requirements

Students applying to any of the Master of Education programs must apply to Graduate Studies at ASU's West campus and to the specific program area to which they seek admission. Admission to a degree program is based on undergraduate and/or graduate grade point averages. Also considered are letters of recommendation, the personal statements, work and academic experiences, and the availability of faculty to supervise academic areas of interest. Applicants to the elementary or secondary programs must hold valid Arizona teaching certificates for that grade level. Admission to graduate programs is selective. Meeting minimum requirements does not ensure admittance to the program.

Graduation/exit requirements

Candidates for the Master of Education degree are required to complete a comprehensive exam unless their program requires an applied project or its equivalent.

Master of Education in Elementary Education

Program requirements

	Semester Hours
Core requirements	9
COE 501 Introduction to Research and Evaluation in Education	
COE 504 Learning and Instruction	
COE 505 American Education System	
Required Elementary Education courses	3
EED 511 Principles of Curriculum Development <i>or</i>	
ECD 555 Modern Practices in Childhood Education	
Electives*	21
Total	33

*Elective courses must be selected in consultation with an advisor

Elementary Education concentrations. Elementary Education majors have the option of crafting 21 hours of electives or completing a concentration in Bilingual Education or English as a Second Language Education, Educational Technology or Reading.

Concentration in Bilingual Education

	Semester Hours
Required courses	21
BLE 511 Introduction to Language Minority Education	
BLE 515 Instructional Methods for Bilingual Students	
BLE 520 ESL for Children	
BLE 522 Literacy/Biliteracy Development	
BLE 541 Nature of Bilingualism/Second Language Acquisition	
BLE 561 Parent Involvement in Language Minority Ed. Programs	
BLE 580 Practicum (not required of teachers with two years of verifiable bilingual teaching experience) or BLE elective	

Concentration in ESL Education

	Semester Hours
Required courses	21
BLE 511 Introduction to Language Minority Education	
BLE 520 ESL for Children	
BLE 522 Literacy/Biliteracy Development	
BLE 541 Nature of Bilingualism/Second Language Acquisition	
BLE 561 Parent Involvement in Language Minority Ed. Programs	
BLE 598 ST: Assessment and Curriculum	
BLE 580 Practicum (not required of teachers with two years of verifiable ESL teaching experience) or BLE elective	

Concentration in Educational Technology

	Semester Hours
Required courses	9
EDT 530 Technology Integration Across the Curriculum	
EDT 575 Critical Issues in Technology	
EDT 593 Applied Project	
Electives*	12
EDT ___ Other	
EDT ___ Other	
EDT ___ Other	
EDT ___ Other <i>or</i>	
___ ___ Other	

*Elective courses must be selected in consultation with an advisor

Concentration in Reading

	Semester Hours
Required courses	9
RDG 505 Developmental Reading	
RDG 550 Practicum Experiences in Reading	
RDG 556 Assessment Procedures in Reading	
Electives*	12
RDG ___ Other	
RDG ___ Other	
___ ___ Other	
___ ___ Other	

*Elective courses must be selected in consultation with an advisor

Program requirements

Core requirements

- COE 501 Introduction to Research and Evaluation in Education
- COE 504 Learning and Instruction
- COE 505 American Education System

Required Secondary Education courses

- SED 522 Secondary School Curriculum Development
- SED 533 Improving Instruction in Secondary Schools

Electives in Secondary Education

- SED 577 Issues and Trends in Secondary Education
- SED ___ Other*

Electives*

Total

Semester
Hours
9

6

12

6

33

Concentration in Educational Technology

In the Secondary MEd program, students may complete a Concentration in Educational Technology (EDT) by taking 18 semester hours of EDT course work.

Required courses

- EDT 530 Technology Integration Across the Curriculum
- EDT 575 Critical Issues in Technology
- EDT 593 Applied Project

Electives*

- EDT ___ Other
- EDT ___ Other
- EDT ___ Other

*Elective courses must be selected in consultation with an advisor

Semester
Hours
9

9

Master of Education in Special Education

For the Master of Education in Special Education, students must complete 12 semester hours of core requirements plus a concentration in Infants and Young Children.

Program requirements

Core requirements

COE 501	Introduction to Research and Evaluation in Education	Semester Hours 12
SPE 540	Family Centered Practices	
SPE 541	Consultation Frameworks and Issues	
SPE ___	Elective*	

Concentration in Infants and Young Children

Required courses

ECD/SPE 542	Systems, Policies and Program Practices for Infants and Young Children	Semester Hours 15-21
ECD/SPE 543	Issues in the Development of Infants and Young Children	

ECD/SPE 544	Assessment and Evaluation of Infants and Young Children
ECD/SPE 545	Curricula, Methods, Technology, and Adaptations for Infants and Young Children
ECD/SPE 546	Communication, Language, and Early Literacy
ECD/SPE 547	Supporting Motor Development
ECD/SPE 580	Practicum

Electives*

Select courses from the following area(s):

Bilingual/ESL Education
Counselor Education
Early Childhood Education
Educational Administration and Supervision
Educational Psychology
Educational Technology
Ethnic Studies
Music Education
Reading and Language Arts
Social and Behavioral Sciences
Social Work

Total

*Elective courses must be selected in consultation with an advisor.

Semester
Hours

0-6

—

33

Master of Education in Educational Administration and Supervision

Program requirements

Core requirements

COE 501	Introduction to Research and Evaluation in Education	Semester Hours 9
COE 504	Learning and Instruction	
COE 505	American Education System	

Educational Administration Requirements

EDA 501	Competency/Performance in Educational Administration	24
EDA 511	School Law	
EDA 526	Instructional Supervision	
EDA 548	Community Relations in Education	
EDA 571	School Business Management	
EDA 573	School Personnel Administration	
EDA 576	The School Principalship	
EDA 634	Instructional Leadership	

Internship (select one)

EDA 584	Supervision Internship
EDA 684	Principal Internship
EDA 784	Superintendent Internship

Total

Internship. To be eligible to participate in the internship experience, students must have completed 12 semester hours of EDA coursework and obtain a certified K-12 administrator's agreement to supervise the internship.

Semester
Hours

3

—

36

Bilingual Education

BLE 312 ESL, Diversity, and Culture in Education (3)

fall, spring

An examination of social, historical, philosophical, and legal issues affecting racially, linguistically, culturally, and exceptionally diverse students in US schools. Prerequisites: admission to PTPP or postbaccalaureate programs; ENG 101 (or 105). Corequisite: COE 396. General studies: L.

BLE 321 ESL Methods for Diverse Language Classrooms (3)

fall, spring

Strategies and materials for second language learning, including research on language acquisition/learning, practical applications of ESL methodologies, phonics. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

BLE 322 Second Language Literacy 1 in Elementary Schools (3)

fall, spring

Instructional/assessment strategies including systematic, research-based phonics, vocabulary, comprehension, spelling, writing, phonemic writing in Spanish/English. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

BLE 324 Social Studies for Diverse Language Classrooms (3)

fall, spring

Social studies education standards, curriculum, and instructional strategies for English language learners. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

BLE 413 Second Language Literacy 2 in Elementary Schools (3)

fall, spring

Literacy and language arts instruction; assessment of reading and writing; transition literacy skills, particularly critical reading of content. Prerequisites: BLE 321, 322, 324; EDP 323; EED 397. Corequisite: EED 496.

BLE 414 Bilingual/ESL Curriculum and Organization (3)

fall, spring

ESL curriculum content and organization including program model effectiveness; language assessment and language usage; special needs and parent involvement. Prerequisites: BLE 321, 322, 324; EDP 323; EED 397. Corequisite: EED 496.

BLE 478 Student Teaching in Diverse Language Classrooms (9)

fall, spring

Student teaching in diverse language classrooms; focus on use of English language learning and bilingual strategies; integration of all previous course work. Fee. Prerequisites: BLE 413, 414; EED 411, 412, 496. Corequisite: BLE 479.

BLE 479 Capstone Seminar in Bilingual/ESL Education (3)

fall, spring

Reflective, experience-based integration of theory and practice; professional development. For bilingual/ESL teachers. Prerequisites: BLE 413, 414; EED 411, 412, 496. Corequisite: BLE 478 or BLE 578.

BLE 511 Introduction to Language Minority Education (3)

selected semesters

Historical, philosophical, theoretical, and pedagogical foundations of language minority education in the United States.

BLE 515 Instructional Methods for Bilingual Students (3)

selected semesters

An introduction to general dual language teaching approaches. Focuses on the effective teaching of limited English proficient populations. Prerequisite: BLE 511.

BLE 520 ESL For Children (3)

selected semesters

Examines approaches to second language development for children congruent with recent research in second language acquisition in children. Prerequisite: BLE 511.

BLE 522 Literacy/Biliteracy Development (3)

selected semesters

Examines approaches to first and second language reading and writing for bilingual/second language learners from a whole language perspective (Spanish-English emphasis). Prerequisite: BLE 511.

BLE 535 Sociolinguistic Issues in Bilingual Education (3)

selected semesters

Survey of major theoretical issues (e.g., language situations, communicative competence, language attitudes) interrelating language, social processes, and bilingual education. Prerequisite: BLE 511.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

**BLE 541 Nature of Bilingualism/
Second Language Acquisition (3)***selected semesters*

Bilingual and second language acquisition, with emphasis on children and adolescents. Cognitive, social, and cultural aspects will be stressed. Prerequisite: BLE 511.

**BLE 561 Parent Involvement in
Language Minority Education Programs (3)***selected semesters*

Examines issues, approaches, and strategies for improving parental and community involvement in the schooling of language minority children and youth. Prerequisite: BLE 511.

**BLE 578 Student Teaching in
Diverse Language Classrooms (9)***fall, spring*

Student teaching in diverse language classrooms for postbaccalaureate students; focus on use of English language learning and bilingual strategies; integration of all previous course work. Fee. Prerequisites: BLE 413, 414; EED 411, 412, 496. Corequisite: BLE 479.

BLE 580 Practicum (3)*selected semesters*

Provides for practical application in school settings of principles of bilingual education or English as a second language. Special permission required.

College of Education Core

COE 111 Exploration of Education (3)*fall, spring*

Education as an instrument in the development of the individual and society and its significance as an American Institution. General studies: SB.

**COE 212 Understanding the
Culturally Diverse Child (3)***fall, spring, summer*

Survey of cultural and linguistic diversity in American education, including education equity, pluralism, learning styles, and roles of schools in a multiethnic society. Prerequisite: COE 111. General studies: C.

**COE 311 Instruction and Management
in the Inclusive Classroom (3)***fall, spring*

Planning and delivering instruction; organizing and managing classrooms; and making adaptations for English language learners and students with special needs. Prerequisite: admission to PTPP or postbaccalaureate programs. Corequisite: COE 396.

**COE 313 Educational Technology
in the K-12 Curriculum (3)***fall, spring*

Application and integration of educational technologies in all curricular areas; examination of theoretical and practical issues for diverse learners. Prerequisite: admission to PTPP or postbaccalaureate programs. Corequisite: COE 396.

COE 314 Classroom Assessment (3)*fall, spring*

Focus is assessment and evaluation of student learning; emphasizes integration and adaptation of curriculum, instruction, and evaluation of all students. Prerequisite: admission to PTPP or postbaccalaureate programs. Corequisite: COE 396.

COE 315 Child and Adolescent Development (3)*fall, spring*

Physical, cognitive, social, and emotional development during childhood and adolescence; developmentally appropriate principles and practices to facilitate development for all students. Prerequisite: admission to PTPP or postbaccalaureate programs. Corequisite: COE 396. General studies: SB.

COE 396 Field Experience 1 (0)*fall, spring*

Observation in classrooms and individual and small group instruction. Fee. Prerequisite: admission to PTPP or postbaccalaureate programs.

**COE 501 Introduction to Research and
Evaluation in Education (3)***fall, spring, summer*

Overview of educational inquiry from controlled, quantitative to qualitative, naturalistic. Emphasis on locating and critically interpreting published research.

COE 504 Learning and Instruction (3)*fall, spring, summer*

Introduction to psychology of learning and instruction. Includes the foundations of learning theories and their application to educational practice. Cross-listed as EDP 504.

COE 505 American Education System (3)*fall, spring, summer*

Political, social, historical, and philosophical analyses of American education at all levels. Examination of primary sources, legal findings, and case studies.

Computer Science

CSE 180 Computer Literacy (3)*fall, spring*

Introduction to personal computer operations and their place in society. Problem-solving approaches using databases, spreadsheets, word processing, and other current applications. Lecture, demonstration, lab. General studies: CS.

Counselor Education

CED 512 Introduction to the Helping Relationship (3)*selected semesters*

Introduction to the skills used in the helping professions and an examination of the settings in which they occur.

CED 522 Personality Development (3)*selected semesters*

Interaction of affective and cognitive factors in personality development at different age levels. Various personality theories examined.

CED 567 Group Procedures (3)*selected semesters*

Social psychological factors determining interaction, effectiveness, and morale in small groups. Techniques of observation, assessment, and leadership.

Early Childhood Education**ECD 324 Social Studies and Creative Arts for Primary Level Children (3)***fall, spring*

Social studies and creative arts standards, curriculum, and instructional/assessment strategies for all primary level children; developmentally appropriate methods/strategies for effective instruction. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

ECD 414 Elementary School Curriculum and Organization (3)*fall, spring*

Historical and legal influences on early childhood education; advanced preparation for curriculum designs and developmentally appropriate practices; school organization topics. Prerequisites: BLE 321; ECD 324; EDP 323; EED 397; RDG 322. Corequisite: EED 496.

ECD 479 Capstone Seminar in Early Childhood Education (3)*fall, spring*

Reflective, experienced-based integration of theory and practice; professional development for early childhood teachers. Prerequisites: ECD 414; EED 411, 412, 496; RDG 413. Corequisite: EED 478 or EED 578.

ECD 542 Systems, Policies, and Program Practices for Infants and Young Children (3)*spring in even years*

Analysis of historical, political, social, and legal factors affecting services for infants and young children. Examination of critical issues. Cross-listed as SPE 542. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 543 Issues in the Development of Infants and Young Children (3)*spring in even years*

Factors and conditions that affect early development. Strategies for promoting attachment, self-regulation, resilience, adaptation, and coping. Cross-listed as SPE 543. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 544 Assessment and Evaluation of Infants and Young Children (3)*fall in even years*

Developmental assessment and related program planning for infants and young children. Emphasis on authentic, individualized, family-centered and culturally competent approaches. Cross-listed as SPE 544. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 545 Curricula, Methods, Technology, and Adaptations for Infants and Young Children (3)*fall in even years*

Developmentally appropriate practices. Serving young children with diverse abilities in natural, inclusive settings. Emphasis on cognitive development, social competence. Cross-listed as SPE 545. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 546 Communication, Language, and Early Literacy (3)*spring in odd years*

Early communication development and language acquisition. Facilitating communicative competence and early literacy for infants and young children with diverse abilities. Cross-listed as SPE 546. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 547 Supporting Motor Development (3)*spring in odd years*

Early sensorimotor development. Strategies to facilitate the acquisition of motor skills and address the needs of children with motor disabilities. Cross-listed as SPE 547. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

ECD 555 Modern Practices in Early Childhood Education (3)*spring*

Trends and practices, instructional and resource materials, and methods and techniques in early childhood education.

Educational Administration and Supervision**EDA 501 Competency/Performance in Educational Administration (3)***fall*

The nature of educational administration and the concept of competency as it applies to educational administration.

EDA 511 School Law (3)*fall*

Interpreting state and federal law for application in school setting. Includes statutory authority for administrators, liability, and student constitutional rights.

Key to General Studies**Credit Abbreviations**

L Literacy and critical inquiry core courses

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H Historical awareness courses

, and
/ or

EDA 521 Evaluation of Teaching Performance (3)*selected semesters*

In-depth analysis of legal basis of teacher appraisal, teacher competency, measurement of teacher performance, and application of performance appraisal systems.

EDA 524 Theory and Application of Educational Administration (3)*selected semesters*

History and development of public school administration in the United States; current organizational patterns for public education at local, intermediate, state, and national levels; current theoretical positions in educational administration.

EDA 526 Instructional Supervision (3)*fall*

Administering curriculum improvement, in-service education, evaluating, and improving teaching competence; administrative instructional responsibilities.

EDA 544 Public School Finance (3)*selected semesters*

Measures of ability, efforts, and educational need; capital outlay funding; tax revenues; federal, state, and local financing alternatives; major issues and trends in the financing of public education.

EDA 548 Community Relations in Education (3)*spring*

Administrative factors of primary importance in developing community involvement in public schools. Emphasis on theory and skill of school system and individual communication.

EDA 555 Educational Facility Planning (3)*selected semesters*

School building needs, educational planning for facilities, responsibilities of architects, duties of contractors, and equipping and furnishing of school buildings.

EDA 571 School Business Management (3)*spring*

Purchasing, budgeting, accounting, payroll management, auditing, financial reporting, insurance, and administration of nonteaching personnel and services.

EDA 573 School Personnel Administration (3)*fall*

Organization for personnel services; development of policy to govern selection, orientation, placement, remuneration, transfers, separations, and development of morale among instructional and noninstructional personnel.

EDA 576 Critical Issues in Educational Leadership (3)*spring*

Exploration of current critical issues in school leadership including student support and relationships with governmental agencies and the community. Field assignments.

EDA 634 Instructional Leadership (3)*spring*

Theory, practice, and issues in school change and reform with a focus on leading change efforts at the school site.

EDA 675 Politics of Education (3)*selected semesters*

Social science theory and research are used to consider the political context of educational policy making.

EDA 679 Administration of Special Programs in Education (3)*summer*

For personnel administering special educational services; responsibilities of superintendents, principals, supervisors, and directors for special education, student personnel, audiovisual, library science, and others.

Educational Psychology

EDP 310 Educational Psychology (3)*selected semesters*

Human behavior in educational settings. Individual differences, factors affecting learning, behavioral and cognitive learning, motivation, testing, and assessment. General studies SB.

EDP 323 Professional Development, Learning, and Motivation (3)*fall, spring*

Applying educational psychology principles in classrooms; strategies for building classroom community; learner-centered and intentional teaching; and proactive professional development. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

EDP 504 Learning and Instruction (3)*fall, spring, summer*

Introduction to psychology of learning and instruction. Includes the foundations of learning theories and their application to educational practice. Cross-listed as COE 504.

EDP 510 Essentials of Classroom Learning (3)*fall, spring*

Theoretical and empirical foundations of learning in the classroom milieu. Critical exposure to research and method in instructional psychology. Prerequisite: admission to postbaccalaureate programs for teacher certification. Corequisite: SED 397.

Educational Technology

EDT 321 Computer Literacy (3)*fall, spring*

Computer software applications. Problem-solving approaches using databases, spreadsheets, word processing, web publishing, and other current applications. Lecture, demonstration, lab. General studies: CS.

EDT 530 Technology Integration Methods Across the Curriculum (3)*spring*

Course examines a constructivist approach to technology in education. Students investigate technology as a catalyst for rethinking instructional goals/practices. Prerequisite: EDT 321 or instructor approval.

EDT 545 Using the Internet in Education (3)

summer

Exploration of the Internet as an educational tool for research, inquiry-based learning, and online learning communities. Course incorporates constructivist theory. Hands-on lab. Prerequisite: EDT 530.

EDT 546 Using Technologies for Presentations (3)

summer

Students create presentations appropriate for educational settings and electronic portfolios on CD-ROMs using scanners, digital/video cameras, and multimedia software. Hands-on lab. Prerequisites: EDT 530, 545.

EDT 547 Technology in Language Arts and Social Studies Education (3)

fall in odd years

An applied course examining numerous ways technology is used to enhance teaching and learning in language arts/social studies classrooms. Hands-on lab. Prerequisite: EDT 530.

EDT 548 Technology in Mathematics and Science Education (3)

fall in even years

An applied course examining numerous ways technology is used to enhance teaching and learning in mathematics and science classrooms. Hands-on lab. Prerequisite: EDT 530.

EDT 549 Using the Internet and Case Studies to Solve Educational Problems (3)

selected semesters

Course provides a model of the use of distance education technologies.

EDT 555 Advanced Web Site Design and Development (3)

fall

An applied course that prepares technology leaders to design and create interactive school and district web sites. Prerequisites: EDT 530, 545, and 546.

EDT 556 Managing School Information Systems (3)

spring

An applied course based on constructivist theory that examines the techniques and strategies of networking information systems within educational settings. Prerequisites: EDT 530 plus two other EDT courses.

EDT 575 Critical Issues in Technology (3)

fall

Exploration and critical analysis of theoretical issues related to using technology in education. Students do literature reviews for EDT 593. Prerequisites: EDT 530 plus three other EDT courses.

EDT 593 Applied Project (3)

spring

Preparation of a supervised applied project that synthesizes students' EDT Masters experience. Students will create a final electronic portfolio. Prerequisites: EDT 530, 575 plus three other EDT courses.

Elementary Education

EED 324 Social Studies in Elementary Schools (3)

fall, spring

Social studies education standards, curriculum, and instructional/assessment strategies for all children. Prerequisite: completion of core curriculum courses. Corequisite: EED 397.

EED 397 Field Experience 2 (0)

fall, spring

Observation, instruction, and management of small groups and the whole class. Fee. Prerequisite: completion of core curriculum courses.

EED 411 Science in Elementary Schools (3)

fall, spring

Science education standards, curriculum, instructional and assessment strategies for all children. Fee. Prerequisites: BLE 321; EDP 323; EED 397. Corequisite: EED 496.

EED 412 Mathematics in Elementary Schools (3)

fall, spring

Methods of teaching mathematics to all students at the K-8 level, instructional planning and assessment. Prerequisites: BLE 321; EDP 323; EED 397 or SPE 310, 317, 320, 322. Corequisite: EED 496 or SPE 496.

EED 414 Elementary School Curriculum and Organization (3)

fall, spring

Rationales for instructional curricula; alternative curriculum designs and broad-based content; selected topics in school governance, finance, and law.

Prerequisites: BLE 321; EDP 323; EED 324; RDG 322. Corequisite: EED 496.

EED 464 Middle-School Curriculum and Organization (3)

fall, summer

Educational implications of the characteristics of a diverse adolescent population on middle-level organization and components, curriculum, instructional strategies, assessment. Cross-listed as SED 464.

Prerequisite: Semester 2 of the PTPP.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

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G Global awareness courses

H Historical awareness courses

, and / or

EED 478 Student Teaching in the Elementary School (9)*fall, spring*

Student teaching in elementary school classrooms; integration of all previous coursework. Fee. Prerequisites: EED 411, 412, 496; RDG 413. Corequisite: EED 479 or ECD 479.

EED 479 Capstone Seminar in Elementary Education (3)*fall, spring*

Reflective, experienced-based integration of theory and practice; professional development for K-8 teachers. Prerequisites: EED 411, 412, 496; RDG 413. Corequisite: EED 478.

EED 496 Field Experience 3 (0)*fall, spring*

Instruction and management of small groups and substantial work with the whole class. Fee. Prerequisites: BLE 321; EDP 323; EED 397.

EED 511 Principles of Curriculum Development (3)*fall, summer*

Contemporary curriculum theories. Curriculum as an interrelated entity. Principles of conceiving and effecting change.

EED 564 Middle-School Curriculum and Organization (3)*fall, summer*

Educational implications of the characteristics of a diverse adolescent population on middle-level organization and components, curriculum, instructional strategies, assessment. Cross-listed as SED 564.

EED 578 Student Teaching in the Elementary School (9)*fall, spring*

Supervised student teaching in elementary school classrooms for postbaccalaureate students; integration of all previous coursework. Fee. Prerequisites: EED 411, 412, 496; RDG 413. Corequisite: EED 479 or ECD 479.

Mathematics Education

MTE 180 Mathematics for Elementary Teachers 1 (3)*fall, spring*

Numbers, number systems, operations on numbers, algebraic reasoning, and problem solving. For prospective elementary and special education majors. Prerequisite: MAT 142 (or 117).

MTE 181 Mathematics for Elementary Teachers 2 (3)*fall, spring*

Data analysis, probability, geometry, and measurement. For prospective elementary and special education majors. Prerequisite: MTE 180.

MTE 380 Arithmetic in the Elementary School (3)*selected semesters*

Historical numeration systems, overview of elementary number theory, including primes, factorization, divisibility, bases, modular systems, linear congruence, and continued fractions. Prerequisite: MTE 180 or instructor approval.

MTE 482 Methods of Teaching Mathematics in Secondary School (3)*summer*

Examination of secondary school curricular material and analysis of instructional devices. Teaching strategies, evaluative techniques, diagnosis, and remediation and problem solving. Prerequisite: instructor approval.

Music Education

MUE 310 Music in Early Childhood Education (3)*selected semesters*

Identifying and understanding musical needs of young children. Methods and materials for program development for classroom teachers.

MUE 311 Music for the Classroom Teacher (3)*selected semesters*

Development of the classroom music program in the elementary school. No previous music experience or course work required. Not for Music majors or minors.

MUE 464 Music of World Cultures in the Classroom (3)*selected semesters*

Study of contemporary music of representative cultures within the context of a people's total way of life. General studies: HU, G

Reading Education

RDG 322 Language Literacy 1 in Elementary Schools (3)*fall, spring*

Instructional strategies for teaching reading using systematic research-based phonics to aid decoding, vocabulary, and comprehension development; writing, speaking, and listening skills. Prerequisite: completion of core curriculum courses. Corequisite: EED 397 or SPE 397.

RDG 323 Literacy Processes in Content Areas (3)*fall, spring*

Principles and practices for planning subject matter units of instruction that explicitly address learning with texts across academic disciplines. Prerequisite: completion of core curriculum courses. Corequisite: SED 397.

RDG 413 Language Literacy 2 in Elementary Schools (3)*fall, spring*

Application of literacy strategies including instruction and diagnostic assessment; literacy lessons with adaptations for diverse learners; extended classroom experiences. Prerequisites: BLE 321; EDP 323; EED 397; RDG 322. Corequisite: EED 496.

RDG 505 Developmental Reading (3)

fall

For classroom and special reading teachers. Specific professional skills in decoding, comprehension, and evaluation. Required for Special Reading Endorsement. Prerequisite: teaching certificate.

RDG 507 Content Area Reading (3)

fall, spring

Theory, teaching strategies, and practical application concerning learning from text across subject matter disciplines. Prerequisite: admission to postbaccalaureate programs for teacher certification.

RDG 550 Practicum Experiences in Reading (3)

fall

Experience utilizing reading diagnostic and instructional techniques for classroom and clinic settings. Lab sections. (Recommended for State of Arizona reading endorsement.) Prerequisite: RDG 505 or equivalent.

RDG 556 Assessment Procedures in Reading (3)

spring

Techniques for classroom and clinical reading assessment and instruction. Emphasis on continuous assessment. (Recommended for State of Arizona reading endorsement.) Prerequisite: RDG 505.

Secondary Education

SED 321 Critical Issues in Secondary Education (3)

fall, spring

Examines perspectives of critical issues in contemporary education and encourages students to think critically and to develop their own viewpoints. Prerequisite: completion of core curriculum courses. Corequisite: SED 397.

SED 322 Classroom Leadership in Secondary Schools (3)

fall, spring

Theories and practices for managing and maintaining secondary classrooms for learning; strategies for home/school communication; and leadership roles for teachers. Prerequisite: completion of core curriculum courses. Corequisite: SED 397 or SPE 397.

SED 397 Field Experience 2 (0)

fall, spring

Application of course content in a secondary school setting. Emphasis on observation, pupil management, planning and delivering instruction, and assessment. Fee. Prerequisite: completion of core curriculum courses.

SED 464 Middle-School Curriculum and Organization (3)

fall, summer

Educational implications of the characteristics of a diverse adolescent population on middle-level organization and components, curriculum, instructional strategies, assessment. Cross-listed as EED 464. Prerequisite: Semester 2 of the PTPP.

SED 478 Student Teaching in the Secondary School (10-12)

fall, spring

The practice of teaching. The relationship of theory and practice in teaching. Fee. Prerequisites: a 2.50 GPA; completion of all professional course work; approval of Offices of Field Experiences and Academic Advising.

SED 480 Special Methods of Teaching Social Studies (3)

fall, spring

Interdisciplinary approaches; production and collection of materials.

SED 481 English Teaching Methods for Secondary Schools (3)

fall, spring

Instructional, organizational, and presentation methods for English in secondary schools. Prerequisite: ENG 323 or instructor approval.

SED 501 Introduction to Effective Instruction (3)

fall, spring

Introductory course for postbaccalaureate certification program in secondary education. Emphasis upon developing basic classroom management, instruction, and evaluation. Includes a field assignment of at least 120 hours. Prerequisite: admission to postbaccalaureate programs for teacher certification. Corequisite: COE 396.

SED 522 Secondary School Curriculum Development (3)

fall, summer

Social processes, issues, principles, patterns, and procedures in curriculum development.

SED 533 Improving Instruction in Secondary Schools (3)

spring

Analyses of procedures, methods, techniques, and experiments in teaching in secondary schools. Prerequisites: SED 478, 578.

Key to General Studies

Credit Abbreviations

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, and / or

SED 564 Middle-School Curriculum and Organization (3)*fall, summer*

Educational implications of the characteristics of a diverse adolescent population on middle-level organization and components, curriculum, instructional strategies, assessment. Cross-listed as EED 564.

SED 577 Issues and Trends in Secondary Education (3)*selected semesters*

Analyses of lay and professional reports; problems and issues in American secondary education. Prerequisites: SED 478, 578.

SED 578 Student Teaching in the Secondary School (12)*fall, spring*

The practice of teaching. The relationship of theory and practice in teaching. Postbaccalaureate students only. Fee. Prerequisites: completion of approved post-baccalaureate program; a minimum 2.50 GPA; approval of Offices of Field Experiences and Academic Advising.

Special Education**SPE 222 Orientation to Education of Exceptional Children (3)***fall, spring, summer*

Explores approaches to gifted, mildly handicapped, severely handicapped, and the bilingual/multicultural exceptional child. General studies: SB.

SPE 310 Professional Practices in Special Education (3)*fall, spring*

Emphasis on the roles and professional responsibilities of special educators in all service delivery models. Prerequisite: completion of core curriculum courses. Corequisites: SPE 317, 320, 322, 397. General studies: L.

SPE 317 Special Education for Culturally and Linguistically Diverse Children and Youth (3)*fall, spring*

General issues and practical applications regarding the education of culturally and linguistically diverse students with disabilities. Prerequisite: completion of core curriculum courses. Corequisites: SPE 310, 320, 322, 397.

SPE 318 Family-School Collaboration: An Integrated Approach for Children and Adolescents with Special Needs (3)*fall, spring*

Exploration of relationships between families of children with special needs and professionals in educational institutions and community agencies. Prerequisite: completion of core curriculum courses. Corequisites: SPE 423, 424, 431, 496.

SPE 320 Assessment and Evaluation in Special Education (3)*fall, spring*

Norm-referenced, criterion-referenced, and authentic strategies to determine eligibility, plan individualized programs, and monitor progress of students with disabilities. Prerequisites: ENG 101 (or 105); completion of core curriculum courses. Corequisites: SPE 310, 317, 322, 397. General studies: L.

SPE 322 Behavior Management and Consultation (3)*fall, spring*

Analysis, intervention, and consultation strategies for effective management of classroom behavior will be developed and implemented for students with disabilities. Prerequisites: completion of core curriculum courses. Corequisites: SPE 310, 317, 320, 397.

SPE 397 Field Experience 2 (0)*fall, spring*

Application of course content in a special education setting. Emphasis on observation, pupil management, planning and delivering instruction, and assessment. Fee. Prerequisites: completion of core curriculum courses. Corequisites: SPE 310, 317, 320, 322.

SPE 423 Technology and Instructional Methods in Language, Reading and Mathematics for Students With Mild/Moderate Disabilities (3)*fall, spring*

Effective use of technology; instruction and assessment of performance in language, reading, and mathematics for students with mild/moderate disabilities. Prerequisites: SPE 310, 317, 320, 322, 397. Corequisites: SPE 318, 424, 431, 496.

SPE 424 Methods in Cross-Categorical Special Education (3)*fall, spring*

Assessment and instructional methods for students with mild to moderate mental retardation, learning disability, emotional disabilities, and physical/health impairment. Prerequisites: SPE 310, 317, 320, 322, 397. Corequisites: SPE 318, 423, 431, 496.

SPE 431 Collaborative Teaching Methods for General Education Classroom Environments (3)*fall, spring*

Methods and issues in cooperative teaching for special education students in general education classrooms. Prerequisite: SPE 310, 317, 320, 322, 397. Corequisites: SPE 318, 423, 424, 496.

SPE 440 Professional Seminar in Special Education (3)*fall, spring*

Examination of critical issues in the delivery of special education services. Emphasis on self-reflection and professional development. Prerequisites: SPE 318, 423, 424, 431. Corequisite: SPE 478.

SPE 478 Student Teaching in Special Education (12)*fall, spring*

Student teaching in special education setting. Fee. Prerequisites: a 2.50 GPA; completion of all professional course work; approval of Offices of Field Experiences and Academic Advising.

SPE 496 Field Experience 3 (0)*fall, spring*

Application of course content in a special education setting. Emphasis on observation pupil management, planning and delivering instruction, and assessment. Fee. Prerequisites: SPE 310, 317, 320, 322, 397. Corequisite: SPE 318, 423, 424, 431.

SPE 511 The Exceptional Child (3)*fall, spring*

Educational needs of exceptional children and adults. Not recommended for students who have completed SPE 222 or the equivalent.

SPE 540 Family Centered Practices (3)*fall in odd years*

Issues associated with families and family systems. Effects of disabilities on families. Strategies for family support and empowerment.

SPE 541 Consultation Frameworks and Issues (3)*fall in odd years*

Models, activities, and roles of educational consultants working with families, professionals, and support personnel across disciplines and agencies.

SPE 542 Systems, Policies, and Program Practices for Infants and Young Children (3)*spring in even years*

Analysis of historical, political, social, and legal factors affecting services for infants and young children. Examination of critical issues. Cross-listed as ECD 542. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

SPE 543 Issues in the Development of Infants and Young Children (3)*spring in even years*

Factors and conditions that affect early development. Strategies for promoting attachment, self-regulation, resilience, adaptation, and coping. Cross-listed as ECD 543. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

SPE 544 Assessment and Evaluation of Infants and Young Children (3)*fall in even years*

Developmental assessment and related program planning for infants and young children. Emphasis on authentic, individualized, family-centered and culturally competent approaches. Cross-listed as ECD 544. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

SPE 545 Curricula, Methods, Technology, and Adaptations for Infants and Young Children (3)*fall in even years*

Developmentally appropriate practices. Serving young children with diverse abilities in natural, inclusive settings. Emphasis on cognitive development, social competence. Cross-listed as ECD 545. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

SPE 546 Communication, Language, and Early Literacy (3)*spring in odd years*

Early communication development and language acquisition. Facilitating communicative competence and early literacy for infants and young children with diverse abilities. Cross-listed as ECD 546. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

SPE 547 Supporting Motor Development (3)*spring in odd years*

Early sensorimotor development. Strategies to facilitate the acquisition of motor skills and address the needs of children with motor disabilities. Cross-listed as ECD 547. Prerequisites: SPE 222 or the equivalent; COE 315 or the equivalent.

Omnibus courses: See [page 55](#) for omnibus courses that may be offered.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses
, and
/ or

New College of Interdisciplinary Arts and Sciences



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Dean:

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www.west.asu.edu/newcollege

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Purpose

The New College of Interdisciplinary Arts and Sciences offers academic programs that prepare students to take their place as active participants in a rapidly changing social, political, and natural environment. These programs seek to provide students with the skills necessary for independent thinking and effective expression; an understanding and appreciation of diverse cultures both past and present; sensitivity to the aesthetic dimensions of human endeavor and the natural environment; and, an appreciation and understanding of scientific perspectives and methods as tools for understanding nature and society. The New College's integrating principle or focus is "social concern and community engagement."

The New College has built a blend of interdisciplinary, integrative, and disciplinary programming that transcends academic boundaries while providing much of the general studies for the campus. The college's teaching and research are guided by a linkage of theory and practice, engaging the local community through service learning activities, internships and arts programming.

The New College of Interdisciplinary Arts and Sciences is organized into six interdisciplinary departments- Integrated Natural Sciences; Integrative Studies; Interdisciplinary Arts and Performance; Language, Cultures, and History; Social and Behavioral Sciences; and Women's Studies. The faculties of each of these departments contribute both interdisciplinary and disciplinary courses to the general education and major programs of all students at the West campus.

The New College of Interdisciplinary Arts and Sciences offers the following degree programs:

BS	Applied Computing
BA	American Studies
BA	English
BA	History
BA	Integrative Studies
BA	Interdisciplinary Arts and Performance
BS	Life Sciences
BA, BS	Political Science
BA, BS	Psychology
BA, BS	Social and Behavioral Sciences
BA, BS	Sociology
BA	Spanish
BA, BS	Women's Studies
BAS	Applied Science
MA	Interdisciplinary Studies

The college also offers certificates in Ethnic Studies, Film and Video Studies, Writing, and Women's Studies. Students may also acquire minors in eighteen areas.

Bachelor of Arts and Bachelor of Science degree programs

Admission

Any student who is admitted to the university and who wishes to major in an interdisciplinary or disciplinary field offered by the New College of Interdisciplinary Arts and Sciences is admitted to the degree program.

Degree requirements

All candidates for graduation in the BA and BS degree curricula are required to present at least 120 semester hours, of which at least 50 hours must consist of upper division courses. A minimum cumulative GPA of 2.00 is required for graduation.

In cooperation with their college and faculty advisors, students file a Declaration of Graduation in accordance with the degree requirements. It is the students' responsibility to be aware of the requirements for their degree program and to select courses accordingly.

To graduate, a student must satisfy separate requirements of three kinds:

1. college proficiency requirements for Language and Cultures and Mathematics;
2. university First-Year Composition and General Studies requirements; and
3. major requirements which involve concentrated course work in one program.

Proficiency requirements. Each student is required to demonstrate proficiency in the analysis of language and cultures and mathematics by passing an examination or by completing the courses specified below with a grade of "C" (2.00) or better in each course.

Students considering graduate work after completion of a bachelor's degree should consult with faculty advisors regarding language requirements in their intended areas of study.

A. Language and Cultures

This requirement may be satisfied through one of the following:

1. completion of secondary education at a school in which the language of instruction is not English; or
2. completion of a language course at the intermediate level (202 or equivalent), including American Sign Language IV; or
3. completion of upper division course(s) taught in a foreign language, taken in the United States or the relevant country; or
4. completion of six hours of upper division courses that have a Global Awareness (G) or

Cultural Diversity in the U.S. (C) designation, in addition to the courses used to meet the University General Studies requirements; or

5. completion of two sequential semesters of course work in a current computer language. Contact the college Advising Office for information on applicable coursework.

B. Mathematics

MAT 142 or any MAT course for which MAT 117 or a higher level MAT course is a prerequisite.

Major requirements. Each student is required to select a major from among the programs offered by the New College of Interdisciplinary Arts and Sciences. The requirements for completion of the major are described under department listings.

A. The major program may require up to 45 semester hours of course work. The minimum is 30 hours. A maximum of 18 additional hours may be required in related courses and prerequisites. No more than 63 semester hours of course work may be required to complete the major, related courses, and prerequisites. A minimum of 12 upper division hours in the major must be taken in campus resident credit.

B. No credit is granted toward fulfilling major or minor requirements in any upper division course in the subject field of the major unless the grade in that course is at least a "C" (2.00). Normally a "Y" (satisfactory) grade needs confirmation that it is equivalent to a "C" (2.00) or better.

General electives. Once the three kinds of requirements have been satisfied, the remainder of the minimum of 120 hours required for graduation are general electives. Contact college advisors for assistance in selecting elective courses.

The Department of Integrated Natural Sciences offers an interdisciplinary BS degree and Minor in Life Sciences. In addition, the

department offers a strong pre-health/pre-medical curriculum for students who are intent upon a career in the health professions.

Bachelor of Science in Life Sciences

Nature of program

The intricate connections between biology, chemistry, physics, and geology form the basis of the Integrated Natural Sciences curriculum. The department is heavily invested in experiential learning and all required core courses have laboratories. Because of this focus on “hands-on” learning, students will find that they will be competitive in their career aspirations, whether it be in the health field, an environmental discipline, or pursuing a graduate degree. Students will also find that by learning in an integrative environment that emphasizes the connectedness between disciplines, they will possess a better understanding of larger scientific concepts and will be able to view these concepts from multiple perspectives. The department emphasizes “doing” as a way of learning and supports undergraduates in conducting independent research under the mentorship of faculty members or in internships outside of the department. Students are encouraged to consider both of these opportunities.

Path to health field careers. Medical colleges base admission decisions on a variety of factors, including GPA, the courses a student has taken, scores in required national exams,

extracurricular activities, quality of letters of recommendation, and hands-on experience. All medical colleges in the United States have extensive science prerequisites, including lower division courses in chemistry, physics, and biology. Many medical colleges have additional course requirements, often including courses in psychology, communication, or math as well as upper division biology or biochemistry courses. The Health Professions Advisory Committee in the Integrated Natural Science department aids students in preparing for a career in the health field by informing them of the particular requirements that each professional school requires for entrance. In addition the Committee guides students in the best strategies to strengthen their application and prepare for national exams. Students who are considering a health-related career that requires professional training are strongly urged to consult with the Chair of the Health Professions Advisory Committee as soon as they enter the university. Information on the committee and applying to health professional schools can be found at the Integrated Natural Sciences website at: www.west.asu.edu/lifesci.

Career outlook

A degree in Life Sciences provides broad training in laboratory, data-gathering, writing, communication, quantitative, problem-solving, and critical thinking skills that prepare students for a wide variety of careers. Life Sciences students may enter careers in laboratory or field research, business, scientific journalism, publishing, teaching, and medicine. Laboratory technician or research associate positions are available in university and government research laboratories, hospital and diagnostic laboratories, and pharmaceutical, biotechnology, agricultural, and food processing companies. Laboratory experience at the undergraduate level, available in laboratories on and off campus, will enhance employability in these areas. Students who emphasize field studies may prepare themselves for entry level positions in private companies as well as state and federal agencies. These positions include wildlife biologist, environmental consultant, and conservation officer. Participation in internships in government agencies or private companies as an undergraduate will provide the student with experience valuable to potential employers. The Bachelor of Science in Life Sciences degree is appropriate for students who wish to enter Master's and Doctoral programs in basic or applied areas of biology.

Major requirements

The Bachelor of Science in Life Sciences consists of 20 semester hours of core courses, 18 semester hours of distribution courses, and 32-33 semester hours of cognate courses. The cognate courses are integral for the understanding of biology, but are not biology courses. The core courses provide a firm foundation for further study in the discipline, while the distribution courses ensure that students maintain breadth in their upper-division studies.

A grade of "C" or better is required for all coursework taken to fulfill major requirements.

			Semester Hours
Core courses			
BIO	187	General Biology I (SG)	4
BIO	188	General Biology II (SQ)	4
LSC	320	Fundamentals of Ecology	3
LSC	322	Fundamentals of Ecology Laboratory	1
LSC	347	Fundamentals of Genetics	3
LSC	348	Fundamentals of Genetics Laboratory	1
LSC	353	Cell Biology	3
LSC	355	Cell Biology Laboratory	1
Cognate Courses			
CHM	113	General Chemistry (SQ)	4
CHM	115	General Chemistry with Qualitative Analysis (SQ)	5
CHM	331	General Organic Chemistry Lecture I	3
CHM	335	General Organic Chemistry Laboratory I	1
CHM	332	General Organic Chemistry Lecture II	3
CHM	336	General Organic Chemistry Laboratory II	1
PHY	111	General Physics (SQ)	3
PHY	113	General Physics Laboratory (SQ)	1
PHY	112	General Physics (SQ)	3
PHY	114	General Physics Laboratory (SQ)	1
One of the following options:			7-8
MAT	270	Calculus with Analytic Geometry I (MA) (4) <i>and</i>	
MAT	271	Calculus with Analytic Geometry (MA) II (4)	
<i>or</i>			
MAT	210	Brief Calculus (MA) (3) <i>and</i>	
LSC	415	Biometry (CS) (4)	

Distribution courses

18

Students must take at least 18 hours from these courses. This includes one course from each of the following groups: Cellular, Molecular, and Physiological Biology, Organismal Biology, and Integrative Systems Ecology. No more than 6 semester hours of internship, externship, proseminar, or individualized instruction may count toward the major (LSC 350, 450, 484, 498, or 499)

Cellular, Molecular, and Physiological Biology

- LSC 308 Plant Physiology (4)
- LSC 358 Animal Physiology (3) *and*
- LSC 359 Animal Physiology Laboratory (1)
- LSC 366 Principles of Biochemistry (3)
- LSC 367 Elementary Biochemistry Laboratory (1)
- LSC 432 Basic Pharmacology (4)
- LSC 443 Molecular Genetics (3)

Organismal Biology

- LSC 309 Flora of Arizona (4)
- LSC 370 Vertebrate Zoology (4)
- LSC 385 Invertebrate Zoology (4)
- LSC 444 Fundamentals of Microbiology (3) *and*
- LSC 445 Fundamentals of Microbiology Laboratory (1)
- LSC 473 Ichthyology (L) (3)
- LSC 474 Herpetology (3)

Integrative Systems Ecology

- LSC 307 Comparative Plant Diversity (4)
- LSC 345 Organic Evolution (3)
- LSC 408 Population Biology (3)
- LSC 410 Techniques in
Wildlife Conservation Biology (L) (3)
- LSC 434 Marine Ecology (3)

Electives

- LSC 350 Premedical Professional Seminar (3)
- LSC 415 Biometry* (CS) (4)
- LSC 450 Premedical Externship (3)
- LSC 484 Internship (1-6)
- LSC 489 Capstone in Integrated Natural Sciences (1)
- LSC 494 Special Topics (1-3)
- LSC 498 Proseminar (1-3)
- LSC 499 Individualized Instruction (1-6)

**BS students taking Biometry for their mathematics cognate requirement cannot also count it as an elective toward their major.*

Total

70-71

Minor in Life Sciences

A Minor in Life Sciences can be a valuable asset particularly when paired with an appropriate major. For instance, a biology minor paired with a political science major would provide a good background for someone who wanted to practice environmental law.

			Semester Hours
Minor requirements			
Required courses			
BIO 187	General Biology I		4
BIO 188	General Biology II		4
CHM 113	General Chemistry		4
CHM 115	General Chemistry with Qualitative Analysis		5
LSC 320	Fundamentals of Ecology		3
LSC 322	Fundamentals of Ecology Laboratory		1
LSC 347	Fundamentals of Genetics		3
LSC 348	Fundamentals of Genetics Laboratory		1
LSC 353	Cell Biology		3
LSC 355	Cell Biology Laboratory		1
Total			<hr/> 29

The Department of Integrative Studies faculty offers an interdisciplinary Bachelor of Arts degree program in Integrative Studies, the Bachelor of Science degree program in Applied

Computing, the Bachelor of Applied Science, minors in Mathematics and Philosophy, and courses in a number of areas that contribute to General Studies program requirements.

Bachelor of Arts Degree in Integrative Studies

Nature of program

The Bachelor of Arts degree in Integrative Studies enables students to design individualized programs of study for their academic, personal, and professional pursuits.

Integrative Studies emphasizes focused study in the liberal arts, the development of critical thinking skills, and the capacity to synthesize problem-solving strategies for life in the 21st century. In this program, students will work closely with dedicated faculty who have scholarly training and teaching interests in the sciences, social sciences, mathematics, arts, and humanities. Students learn from one another's life experiences and from the professional expertise of their faculty.

Career outlook

The Integrative Studies curriculum emphasizes advanced, interdisciplinary study combined with a concentration in a traditional disciplinary or professional area (e.g. English, communication studies, gerontology, history, psychology, prelaw, pre-MBA etc.). Students can tailor their academic programs to meet their individualized career goals. A capstone internship program prepares students to make the transition smoothly to post-baccalaureate employment in business, cultural, educational, community, and human service settings, as well as to graduate school. Students planning graduate or professional degrees in law, business, helping professions, or in traditional disciplinary areas will benefit from the flexibility of this program for a broad range of future academic and career pursuits.

Major requirements

The Integrative Studies major consists of 39-48 semester hours with a grade of "C" (2.00) or better. Program requirements include 21 semester hours of core courses and a concentration of 18-27 semester hours.

	Semester Hours
Core courses	
Select one course from each category	
<i>Gateway Course</i>	3
IAS 300 Adult Career Development (L/SB)	
<i>Ethical Reflection</i>	3
IAS 340 Bioethics (HU)	
IAS 406 Moral Dilemmas (L/HU)	
IAS 407 Environmental Philosophy and Policy (L/HU)	
IAS 408 Feminist Ethics (HU)	
<i>Diverse Identities</i>	3
IAS 305 Work and Identity (SB)	
IAS 420 Multicultural Autobiographies (L/HU, C)	
IAS 477 World Literature (L/HU, G)	
<i>Scientific and Mathematical Perspectives</i>	3
IAS 410 Evolution of Ideas (L/HU)	
IAS 411 History and Philosophy of Mathematics (HU, H)	
IAS 415 Life in the Universe	
IAS 416 Black Holes and Beyond	
<i>Secular and Sacred Worldviews</i>	3
IAS 220 Psychology, Multicultural Narrative and Religion (L/HU, C)	
IAS 430 Science and Religion (L/HU)	
<i>IAS Elective</i>	3
<i>Capstone Course</i>	3
IAS 484 Internship	
IAS 494 ST: Research	
IAS 494 ST: Writing	

Concentration

Working with the Integrative Studies faculty advisor, students will complete the coursework of a minor available at West campus or create an individualized concentration.

Approved minor. Working with the Integrative Studies faculty advisor, students will select one of the minors available at West campus (see [page 83](#)). Specific requirements for these minors are described in this catalog under the major field departments and are available from the IAS faculty advisor. The credits required in a minor vary by department. The courses taken to fulfill the concentration requirement may not be used to concurrently fulfill the requirements of a minor.

Individualized concentration. Working with the Integrative Studies faculty advisor, students may construct an individualized concentration of 18 upper division semester hours that has a coherent theme or purpose and fulfills intended general learning outcomes. Other options are a concentration of six literacy and critical inquiry General Studies (L) courses and the Writing Certificate Program.

Minor in Mathematics

Nature of program

The minor in Mathematics explores the study of higher mathematics. It is designed to enable the student to understand the mathematics most commonly used in science, economics, and business. It is expected that students in the minor will be able to reason, and to find creative solutions to problems that were either presented to them or meaningfully formulated by them. The minor is recommended for students who plan to major in integrative studies, life sciences, and business, as well as those who prepare for further graduate study.

Requirements

The minor in Mathematics consists of a minimum of 27 semester hours, of which nine semester hours must be taken in the Integrative Studies Department.

Required courses:

MAT 270 Calculus with Analytic Geometry I
 MAT 271 Calculus with Analytic Geometry II
 MAT 272 Calculus with Analytic Geometry III
 MAT 300 Mathematical Structures
 MAT 342 Linear Algebra

Electives

Select three courses in consultation with a mathematics advisor from:

MAT 310 Introduction to Geometry
 MAT 371 Advanced Calculus I
 MAT 411 History and Philosophy of Mathematics
 MAT 443 Abstract Algebra
 MAT 445 Theory of Numbers
 STP 420 Introductory Applied Statistics
 Other approved course

Mathematics specialization

The requirements for the Bachelor of Arts in Secondary Education with a specialization in Mathematics consist of the Professional Teacher Preparation Program for secondary majors (see the “College of Teacher Education and Leadership” section of this catalog) and 36 semester hours in mathematics, of which 21 must be upper division.

	Semester Hours
Required lower division courses	15
Choose one computer course	
ACO 101 Introduction to Computer Science	
CIS 200 Computer Applications and Information Technology*	
CSE 110 Principles of Programming with Java*	
CSE 180 Computer Literacy	
CSE 181 Applied Problem Solving with Visual Basic*	

MAT 270 Calculus with Analytic Geometry I	
MAT 271 Calculus with Analytic Geometry II	
MAT 272 Calculus with Analytic Geometry III	
Required upper division courses	21
MAT 300 Mathematical Structures	
MAT 310 Introduction to Geometry	
MAT 342 Linear Algebra	
MAT 371 Advanced Calculus I	
MAT 411 History and Philosophy of Mathematics	
MAT 443 Abstract Algebra <i>or</i>	
MAT 445 Theory of Numbers	
STP 420 Introductory Applied Statistics	
Total	36
<i>*Complete this Tempe campus course or transfer equivalent.</i>	

Minor in Philosophy

Nature of program

The minor is designed to provide students with an understanding of central philosophical issues. The minor provides students with:

- a knowledge of the most important problems and ideas in the philosophical areas studied;
- a capacity for critical thinking and analytical reasoning; and
- the ability to present one’s positions effectively through oral and written communication.

Program requirements

The Minor in Philosophy consists of 21 semester hours of Philosophy coursework, of which 15 must be upper division hours.

Fifteen semester hours of campus resident credit is required. Only courses in which the student earns a grade of “C” (2.00) or better will fulfill requirements for the minor. Courses are to be selected with a Philosophy advisor to create a coherent and complete program of study for the minor.

Requirements

Selected courses (21 semester hours)	
PHI 101	Introduction to Philosophy
PHI 103	Principles of Sound Reasoning
PHI 306	Applied Ethics
PHI 360	Business and Professional Ethics
PHI / IAS 340	Bioethics
PHI / IAS 406	Moral Dilemmas
PHI / IAS 407	Environmental Philosophy and Policy
PHI / IAS 408	Feminist Ethics
IAS / MAT 411	History and Philosophy of Mathematics
PHI / IAS 494	Special Topics
IAS 484	Internship (3 semester hours maximum)
PHI/IAS 499	Individualized Instruction (3 semester hours maximum)

Nature of the program

The information revolution, which has produced the fastest growing economic sector and related demand for jobs, has created the need for a new kind of professional: someone who is skilled in locating, creating, organizing, filtering, manipulating, presenting, and disseminating information. The mission of the BS in Applied Computing is to educate such knowledge-work professionals.

The program prepares students to understand how to collect and analyze data; allow for efficient, effective, and ethical user interaction with systems; employ management skills to direct the development and deployment of technology systems; engage in creative efforts; and develop and assure the quality of information and its value to those who will use it.

The Applied Computing program has both a technical component, concerned with the design and use of appropriate systems and technologies, and a social sciences component, concerned with understanding how people seek, obtain, evaluate, use, and categorize information. It rests on a solid foundation of mathematics, technology, and humanities and social sciences and offers a choice of concentrations in database management, networks, and digital media and design. Technical, communication, and creative skills couple with a significant internship to provide experience in applying technical expertise and creative abilities to information processes, systems, and contexts.

Career Outlook

Students who complete a BS in Applied Computing are prepared to integrate technology with human activities and to respond to global changes, solve problems, as well as create and manage the technological production of information and creative products. Core information technology industries are among the fastest growing sectors in the U.S. economy. Graduates of the Applied Computing

program will find employment opportunities with corporations and businesses, non-profit and government agencies, digital arts media industries, and in the academic world.

Major requirements

The Applied Computing major consists of 57–63 semester hours with a grade of “C” or better.

	Semester Hours
	9
Math foundation/core	
MAT 210	Brief Calculus (MA)
MAT 243	Discrete Mathematical Structures
STP 300	Introduction to Probability
Applied computing foundation/core	
ACO 101	Introduction to Computer Science (CS)
ACO 102	Principles of Computer Science (CS)
ACO 201	Data Structures and Algorithms (CS)
ACO 210	Introduction to Systems Programming (CS)
ACO 220	Introduction to Database Systems (CS)
Concentration	
	18-24
Select one of the following concentrations, and prepare a program of study in consultation with a program advisor:	
<i>Digital Media and Graphic Design</i>	
IAP 361	Digital Editing and Media Literacy (CS)
IAP 365	Digital Interactivity
IAP 466	Digital Interactivity, Advanced
IAP 368	Digital Graphic Technologies
IAP 468	Digital Graphic Applications
IAP 484	Internship (6)
<i>Database Systems</i>	
Under development	
<i>Network and Distributed Processing</i>	
Under development	
Liberal Arts Cluster	
	15
Select five courses in consultation with an advisor. 9 hours must be upper-division. At least one course focusing on ethics/diversity must be completed from the following:	
COM 457	New Media
IAP 464	Media and Diversity
IAS 406	Moral Dilemmas (L/HU)
Total	
	57-63

Internship. The internship is an integral component of the program and concentration. Students will be matched carefully to the needs of the organization providing the internship. Six semester hours of internship (484) is required. At the close of the internship, the student must submit a significant paper documenting the experience and make a formal presentation.

Nature of the program

The Bachelor of Applied Science (BAS) is a flexible degree plan designed specifically to serve the additional education needs of students who have earned community college Associate of Applied Science (AAS) degrees. The AAS degree will transfer as a block to the university as meeting all graduation requirements beyond the BAS requirements. BAS students will then complete a 60 semester hour capstone program.

To be admitted to the BAS, students must complete an AAS degree at a regionally accredited institution or an AAS equivalent to be determined by the BAS admissions committee. A student who is completing an AAS degree may be granted conditional admission into the BAS degree program. This conditional status is effective for one semester. An official transcript with the degree posted must be received by the BAS program coordinator in order to register for subsequent semesters.

Career outlook

The BAS degree is primarily intended to assist in job progression rather than initial job qualification. Achievement of a bachelor's degree may remove promotional ceilings that can limit advancement. The degree may also be of use to those who wish to make mid-career changes. Most of the students for

whom the BAS is designed have an occupational qualification by virtue of their AAS degrees, and most will be employed in related areas. The BAS curriculum can enhance the student's technical education and experience while providing the broader cognitive skills and perspective that are associated with baccalaureate education and are relevant in any working environment. With the assistance of an advisor, students will be able to tailor their programs to suit their personal or career objectives.

Admission

To be admitted to the BAS degree program, students must have completed an Associate of Applied Science (AAS) degree at a regionally accredited institution or an AAS equivalent to be determined by the BAS admissions committee.

Program requirements

The BAS is comprised of the AAS degree plus a 60 semester-hour capstone requirement. The 60 semester hours must all be upper division with the exception of the mathematics (MA) course if it is needed.

BAS Core	21 semester hours
General Studies	
Completion Curriculum	13 semester hours (minimum)
Concentration	18-21 semester hours
Electives	0-8 semester hours

Core requirements (21 semester hours). The goals of the BAS core curriculum are (1) to provide an educational bridge between lower division and upper division programming, (2) to develop students' professional communication and quantitative skills, and (3) to hone students' critical and creative abilities. The BAS core includes the following:

	Semester Hours
BAS bridge	3
IAS 300 Adult Career Development	3
Management skills	3
GLB 303 Relationship Management	3
Communication skills	3
ENG 301 Writing for the Professions	3
Quantitative skills (select one)	3
EDT 321 Computer Literacy	3
SBS 304 Social Statistics I	3
Aesthetics/creativity (select one)	3
IAP 300 Introduction to Interdisciplinary Arts	3
IAP 301 Energetic Systems of Art: Collaboration in the Arts	3
THE 321 History of Theatre	3
THE 400 Focus on Film	3
Other approved Arts course	3
Ethics (select one)	3
PHI 306 Applied Ethics	3
PHI 360 Business and Professional Ethics	3
PHI 406 Moral Dilemmas	3
PHI 407 Environmental Philosophy and Policy	3
Exit project (select one)	3
— 484 Internship	3
— 493 Honors Thesis	3
— 499 Individualized Instruction	3

General Studies completion curriculum (minimum 13 semester hours). The BAS curriculum is based on the assumption that the students have completed an AAS degree program with a general studies component of approximately 18 hours. In order to complete the remainder of their university requirements, students will need to take one course in each of the following areas:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)
- Natural Science-General with lab (SG)

Social and Behavioral Sciences (SB): Students may complete the SB requirement in conjunction with one of the other program requirements.

Mathematics (MA): Students may be required to take an MA course if the mathematics course included in the AAS degree does not meet the criteria for MA. This course may be taken at the lower division.

Concentration (18-21 semester hours). In consultation with an advisor, the student will complete the course work of a minor available at the West campus (see [page 83](#)) or develop an individualized concentration that has a coherent theme or purpose and fulfills intended learning outcomes. Specific requirements for the minor are described in this catalog under the major field department. The semester hours required in a minor vary by department. The courses taken to fulfill the concentration requirement may not be used to concurrently fulfill the requirements of a minor. A minimum of nine upper division hours in the concentration area must be completed in residence at the West campus. Courses taken to fulfill the concentration requirement at the Tempe campus or the East campus must be chosen in consultation with and approved by the department offering that coursework.

Elective credit (0-8 semester hours). Electives, if needed, will be chosen to fulfill the 60 semester-hour requirement.

Other requirements. No credit is granted toward fulfilling major or concentration requirements in any upper division course unless the grade in that course is at least a "C" (2.00). Normally a "Y" (satisfactory) grade needs confirmation that it is equivalent to a "C" (2.00) or better.

Candidates for the BAS degree program are not required to fulfill the New College of Interdisciplinary Arts and Sciences proficiency requirements.

The Department of Interdisciplinary Arts and Performance (IAP) offers courses and activities that can develop practicing artists for the 21st century, provide for the aesthetic education of the general student body, and serve as a cultural resource for the community.

The department offers specialized Interdisciplinary Arts and Performance courses with concentrations in Media Arts, Music, Performance Studies, Theatre/Performance, and Visual Arts. The IAP faculty also offers courses in Art, Art History, Humanities, Music, and Theatre.

Bachelor of Arts Degree in Interdisciplinary Arts and Performance

Nature of program

The Bachelor of Arts in Interdisciplinary Arts and Performance (IAP) focuses on integrated study of all the arts. It encourages practical application of theory and content-area knowledge with the integration of skills and performance. Emphasis is placed on creativity, innovation, integration, and presentation.

Student outcomes

The IAP program provides graduates with the knowledge and skills needed to:

- understand the inter-relationship among the art forms of music, theater, visual art, performance, and media arts;
- develop creative work independently;
- illustrate practical knowledge of the collaborative process in the arts;
- continue self-development in the arts beyond the program itself;
- engage in current levels of technology in the arts;

- exhibit a historical awareness of artistic works, particularly of the 20th century and contemporary practices; and
- demonstrate an understanding of artistic practices within cultural contexts.

Career outlook

This interdisciplinary training can be the basis for a variety of personal and career pursuits. Students who major in the program will receive practical professional training and solid academic skills. They will gain in-depth preparation necessary for careers as creators and performers. They will also develop critical backgrounds useful for future teachers and scholars in the arts. Graduates of the program will be prepared for advanced study in the performing arts or arts-related professions in education, art and cultural journalism, government and community arts administration, media services, and production.

Admission requirements

Admission to the Interdisciplinary Arts and Performance program requires completion of at least 15 semester hours of course work from any single or combination of arts disciplines with a grade of “C” (2.00) or better. Students with specialized training in a single art form may be admitted to the program based on portfolio assessment or audition and personal interviews.

Major requirements

The Bachelor of Arts in Interdisciplinary Arts and Performance consists of at least 45 semester hours of Interdisciplinary Arts and Performance course work of which three semester hours may be lower division.

Program requirements include:

- Interdisciplinary core courses that focus on the applied nature of the arts
- Course work in one concentration that provides a developmental sequence in a particular arts discipline
- Topics course work focusing on applied practice
- Studies course work emphasizing theoretical, historical, and/or analytical aspects of the arts
- Elective course
- Senior Project intended to focus the body of IAP course work in an original creative work or comparable experience

Semester
Hours
15

Core courses

Media

IAP 361 Digital Editing and Media Literacy (CS)

Music

IAP 325 Sound Performance: Exploring Alternative Performance Groups

Performance Studies

Select one course from the following:

IAP 304 The Avant-Garde to WW II (HU)

IAP 305 The Avant-Garde and Experimental Arts, WW II to Present (L/HU)

Theater/Performance

IAP 334 Conceptual Development in the Arts

Visual Art

IAP 354 Visual Representations

Concentration

Select one of the following concentrations:

Media

IAP 363 Sound, Image, and Media

IAP 364 Documentaries

IAP 365 Digital Interactivity

IAP 465 Media Technologies and the Arts

Music

IAP 321 Music Composition I

IAP 421 Music Composition II

IAP 322 Multitrack Digital Recording

IAP 323 Music and the Visual Arts

IAP 422 Contemporary Orchestration Practices

Performance Studies

IAP 371 Verbal Art (L/HU)

IAP 375 Introduction to Performance Theory (L/HU)

IAP 472 20th Century Theories of Arts and Performance

IAP 473 Aesthetic Research (L/HU)

Theater/Performance

IAP 333 Directing for Performance

IAP 431 Perspectives on Performance and Acting

IAP 434 Production Laboratory

IAP 441 Movement for Performance

Visual Art

IAP 355 Illusion and Vision

IAP 356 Spatial Impressions

IAP 457 Urban Narrative

Select one course from the following:

IAP 353 Contemporary Figure Drawing I

IAP 452 Elements of Painting

12

	Semester Hours		Semester Hours
Studies in the Arts	6	Electives	3
Select two courses from the following list or select courses from any concentration above other than the student's primary concentration:		Elective hours may be fulfilled by courses with the following prefixes at the upper division: ART, IAP, MUS, MUP, THE, THP or any lower division applied arts course with departmental approval.	
IAP 300 Introduction to Interdisciplinary Arts (HU)		IAP 480 Senior Project	3
IAP 301 Energetic Systems of Art: Collaboration in the Arts			—
IAP 302 Cross-Cultural Perspectives on the Arts (L/HU)		Total	45
IAP 303 Artists and the Contemporary American Experience			
IAP 304 The Avant-Garde to WW II (HU)		Senior Project. The goal of any senior project should be to focus the body of course work undertaken in the IAP curriculum in an orig- inal creative work or comparable experience. This work may take the form of a perform- ance (with the student as creator/producer and/or performer), or a written thesis, gallery exhibition, internship, media work or some other acceptable format.	
IAP 336 Career Skills for the Artist (L/HU)		Successful completion of a more demanding senior project for six semester hours is required for the student to graduate with departmental distinction.	
IAP 373 The Critical Artist			
IAP 464 Media and Diversity			
IAP 471 Language, Culture, and Performance (L/HU)			
MUS 340 Listening to Music (HU, H)			
MUS 349 Music in America (HU, H)			
MUS 354 Popular Music (HU)			
MUS 355 Survey of American Music			
THE 300 Film: The Creative Process (HU)			
THE 320 History of the Theatre (HU, H)			
THE 321 History of the Theatre (HU, H)			
THE 400 Focus on Film			
Topics in the Arts	6		
Select two courses from the following list or select courses from any IAP concentration other than the student's primary concentration:			
IAP 324 The Voice and Performance			
IAP 331 Performance, Acting and the Individual			
IAP 332 Technical Production for Interdisciplinary Arts			
IAP 335 Vocalization and Movement			
IAP 341 Movement Technique			
IAP 351 Concept, Image, and Text			
IAP 352 Seeing and Drawing			
IAP 433 Directing Workshop			
IAP 442 Movement and Music			
IAP 466 Digital Interactivity, Advanced			
IAP 467 Acoustic Ecology			

Minor in Interdisciplinary Arts and Performance

The minor consists of 24 semester hours in the arts. Twelve of these must be at the upper division (IAP prefix). Six of the 12 upper division credits must be selected from a sin-

gle concentration offered by the department. The other six credits must be from the IAP core courses. Twelve additional semester hours in applied arts are required.

The Minor and Certificate in Film and Video Studies explore theory and practice in the general field of the moving image. These interdisciplinary programs provide students the opportunity to develop interests, skills, and knowledge of the forms, channels, technologies, and histories of the media arts. Students may pursue focused interests in film studies or adopt a more generalized approach to visual media through television, film, and video. The minor or certificate program is useful to students who may pursue careers in broadcasting, writing, and public relations, as well as degrees in production, film studies, media studies, performance studies, and communication studies.

Courses in the Minor/Certificate in Film and Video Studies are designed to:

- develop astute and discriminating critics and analysts of film and media arts;
- strengthen critical thinking through an awareness of the philosophical, aesthetic, political, and technological debates in film, media, and video studies;
- develop knowledge of the history of film, television, and the video arts as dynamic forces of social, cultural, and political expression; and
- develop practical skills that will enable students to be competitive in film, video, television, and media-related production industries.

Minor in Film and Video Studies

For the minor, students will select one of two areas of emphasis: Films Studies and Media and Video Studies. The Film Studies emphasis focuses on the impact of film and video. The Media and Video Studies emphasis is concerned with the rendering of film and video.

The Minor consists of 21 semester hours, 15 of which must be at the upper division level. A maximum of six semester hours of lower division coursework may be applied to the non-foundation coursework. Both emphases identify foundational courses and available elective courses as listed below. Students are required to include courses drawn from two or more different prefixes and complete IAP 480 which requires a capstone experience.

Film Studies emphasis

Course work requirements

Select two of the following foundational courses:

ENG 365 History of Film

IAP 351 Concept, Image, and Text

SOC 366 Film and Society

Select two courses from the following theoretical, conceptual, or historical courses:

ENG 365 History of Film

IAP 351 Concept, Image, and Text

IAP 364 Documentaries

IAP 465 Media Technologies and the Arts

SOC 364 Popular Culture

SOC 365 Sociology of Mass Communication

SOC 366 Film and Society

THE 300 Film: The Creative Process

THE 400 Focus on Film

Other approved course

Select two courses from the following applied, practical courses:

COM 329 Persuasion
 COM 421 Rhetoric of Social Issues
 COM 429 Semiotics and Visual Communication
 ENG 365 History of Film
 IAP 322 Multitrack Digital Recording
 IAP 334 Conceptual Development in the Arts
 IAP 361 Digital Editing and Media Literacy
 IAP 363 Sound, Image, and Media
 IAP 364 Documentaries
 IAP 365 Digital Interactivity
 IAP 465 Media Technologies and the Arts
 IAP 466 Digital Interactivity, Advanced
 IAP 467 Acoustic Ecology
 IAP 474 Art and Film
 SOC 364 Popular Culture
 SOC 365 Sociology of Mass Communication
 SOC 366 Film and Society
 THE 300 Film: The Creative Process
 THE 394 ST: Acting for the Camera
 THE 394 ST: Television Production
 THE 400 Focus on Film
 Other approved course
 Capstone project:
 IAP 480 Senior Project

Media and Video Studies emphasis

Course work requirements

Select two of the following foundational courses:

COM 324 Rhetoric and Media Criticism
 IAP 351 Concept, Image, and Text
 IAP 465 Media Technologies and the Arts
 SOC 365 Sociology of Mass Communication

Select four courses from the following theoretical, critical, performance, and/or production courses:

COM 324 Rhetoric and Media Criticism
 COM 329 Persuasion
 COM 421 Rhetoric of Social Issues
 COM 429 Semiotics and Visual Communication
 ENG 365 History of Film
 IAP 322 Multitrack Digital Recording
 IAP 334 Conceptual Development in the Arts
 IAP 351 Concept, Image, and Text
 IAP 361 Digital Editing and Media Literacy
 IAP 363 Sound, Image, and Media
 IAP 364 Documentaries
 IAP 365 Digital Interactivity
 IAP 465 Media Technologies and the Arts
 IAP 466 Digital Interactivity, Advanced
 IAP 467 Acoustic Ecology
 IAP 474 Art and Film
 SOC 364 Popular Culture
 SOC 365 Sociology of Mass Communication
 SOC 366 Film and Society
 THE 300 Film: The Creative Process
 THE 394 ST: Acting for the Camera
 THE 394 ST: Television Production
 THE 400 Focus on Film
 WST 431 Women and Film
 Other approved course
 Capstone project:
 IAP 480 Senior Project

Senior Project. The project should reflect the integration of coursework with creative initiative to generate a product that stands alone as a piece of original work. For the Film Studies emphasis the project will focus on an intellectual analysis of some dimension of film products, reception, institutions, economics, and so forth. In the Media and Video Studies emphasis, the project may be intellectual or creative (performance/production) in nature. Projects will be examined and evaluated by at least one faculty member involved in the Film and Video Studies minor.

Certificate in Film and Video Studies

The certificate program is recommended for graduate students, nondegree students, and students with majors in professional programs. A certificate of concentration in Film and Video Studies is awarded for the successful completion of the 21 semester hours required for the minor.

The Department of Language, Cultures, and History faculty offers an interdisciplinary Bachelor of Arts degree program in American Studies, Bachelor of Arts degree

programs in English, History, and Spanish, and courses in other disciplines represented in the program, such as Religious Studies and Art History.

Bachelor of Arts Degree in American Studies

Nature of program

The Bachelor of Arts in American Studies enables students to look at the experiences of North Americans and their environment from a variety of historical and contemporary perspectives. Courses are grouped into four emphases:

American systems, which deals with political, economic, religious, and legal institutions;

American cultures, which concentrates on systems of belief and their symbolic expression in literature, art, philosophy, and regional and popular cultures;

American lives, which explores the ways in which categories of race, ethnicity, class, and gender intersect with individual and community experience; and

Writing, which stresses critical writing skills and helps train students to undertake careers in which writing is a major activity.

American Studies offers a flexible, interdisciplinary degree program that allows students to take courses in a number of areas. Students who have interests in American history, society, literature, or art, for example, but prefer not to major in a single discipline, such as English or History,

are ideal candidates for the program. All students complete a core of American Studies courses (12 hours) that provides them with an overview of American history and society and introduces them to interdisciplinary study. In addition, each student designs, with the approval of the American Studies faculty advisor, a program of focused course work (21 hours) tailored to the student's interests and career goals. Students may choose to emphasize a particular area in American Studies, for example, or select other courses to develop a program focusing on a particular topic, such as the American West, the twentieth century, or American multi-culturalism. Of the focused course work, at least four courses (12 hours) must be at the upper division.

Students conclude the program with an exit project, developed with an individual faculty member, and approved by the faculty advisor. Exit projects may take a variety of forms; they can include internships, theses, or some similar kind of creative project. The purpose of the exit project is to help students to integrate the knowledge and skills that they have gained in the program. It also provides students with a means of exploring career interests before graduation.

Career outlook

The BA in American Studies teaches students to think and write critically, to conduct research, and to appreciate the changing and diverse nature of American life. American Studies graduates accordingly are well-equipped to embark on a wide variety of careers in government, education, business, museum and foundation work, law, journalism and other forms of professional writing, and in other areas where these capabilities are highly valued and sought. The program also serves as excellent preparation for law school and for graduate programs in fields such as American Studies, English, Journalism, History, and Art History. Most importantly, American Studies, by virtue of its interdisciplinary approach to the study of American cultures, systems, and lives, provides a rounded perspective, a chance to see issues and problems from a variety of angles. As such, it is ideally suited to careers in which research, analysis and planning play a central role.

Major requirements

A minimum of 36 semester hours (27 upper division) with a grade of “C” (2.00) or better is required for the Bachelor of Arts in American Studies.

	Semester Hours
Core courses	12
AMS 301 Introduction to American Studies (L)	
AMS 310 American Systems (L, C, H) <i>and</i>	
AMS 311 American Systems (H) <i>or</i>	
AMS 320 American Cultures (SB, H) <i>and</i>	
AMS 321 American Cultures (SB, H)	
AMS 330 Introduction to American Lives (HU)	
Focused course work	21
Working with the American Studies faculty advisor, students will designate appropriate lower division course work (if applicable) and select upper division course work to develop a coherent program or topic of study. The focused course work may be in a single American Studies area, or it may be spread across the areas of emphasis. Twelve hours must be upper division.	
Exit project	3
Thesis, internship, or research designed in consultation with a faculty advisor.	
Total	36

Minor in American Studies

The Minor in American Studies offers students the opportunity to pursue an interest in the interdisciplinary study of American Culture. This interdisciplinary minor is particularly appropriate for students majoring in one of the humanities or social sciences disciplines.

The minor consists of 18 semester hours, 12 of which must be upper division hours.

	Semester Hours
Core courses	12
AMS 301 Introduction to American Studies	
AMS 310, 311 American Systems <i>or</i>	
AMS 320, 321 American Cultures	
AMS 330 Introduction to American Lives	
Supporting courses	6
Courses must be with substantial American content and must be approved by the American Studies faculty advisor.	
Total	18

Nature of program

As part of the Department of American Studies, the English curriculum emphasizes the study of texts in contexts. Students study not only the forms of writing but also the history of those forms as well as read and analyze literature from a broad range of periods and genres. Students will learn to produce good expository prose.

The major allows students to emphasize particular genres, periods, regions, and themes through a mix of requirements and electives. Students determine appropriate programs of study in consultation with faculty advisors. Thus, each student is assured the general background that academia and business often require.

Career outlook

The English curriculum prepares students for graduate and professional training (including law, business, teaching, and public policy) and because of its breadth and emphasis on the communication of ideas serves as an excellent point of departure for careers in marketing, public relations, government, diplomacy, and community work.

Major requirements

The program requires 45 semester hours in English, at least 24 of which must be in upper division courses. A grade of “C” (2.00) or better is required in all courses taken for the major.

	Semester Hours
Lower division courses required	12
ENG 221, 222 Survey of English Literature (HU, H)	
ENG 241, 242 American Literature (HU)	
Upper division courses required	15
ENG 311 Persuasive Writing (L)	
ENG 323 Rhetoric and Grammar (L)	
ENG 400 History of Literary Criticism (L/HU, H)	
ENG 473 Shakespeare	
Three semester hours in AMS or ENG upper division course work in literature of gender or ethnicity as approved by advisor	
Other requirements	
English electives (select in consultation with a faculty advisor)	18
Total	45

Minor in English

The Minor in English requires 21 semester hours in English, at least nine of which must be in upper division courses.

	Semester Hours
Lower division courses required	12
ENG 221, 222 Survey of English Literature	
ENG 241, 242 American Literature	
Upper division courses required	9
ENG 311 Persuasive Writing	
ENG 323 Rhetoric and Grammar	
ENG 473 Shakespeare	
Total	21

English specialization

The requirements for the Bachelor of Arts in Secondary Education with a specialization in English consist of the Professional Teacher Preparation Program for secondary majors (see the “College of Teacher Education and Leadership” section of this catalog) and 39 semester hours in English, at least 24 of which must be in upper division courses. The English major for teachers focuses on the skills, authors, periods, genres, regions, and themes that Arizona high schools teach most: writing, Shakespeare, British and American classics, major recent texts, ethnicity, and gender. Students determine appropriate programs of study in consultation with faculty advisors. A grade of “C” (2.00) or better is required in all courses taken for the major.

	Semester Hours
Lower division courses required	12
ENG 221, 222 Survey of English Literature	
ENG 241, 242 American Literature	
Upper division courses required	12
ENG 311 Persuasive Writing	
ENG 323 Rhetoric and Grammar	
ENG 473 Shakespeare	
One course in the literature of ethnicity or gender as approved by advisor	
Other requirements	
English electives (select in consultation with a faculty advisor)	15
Total	39

English minor

The program requires 21 semester hours in English, at least 12 of which must be in upper division courses. The minor focuses on material most frequently taught in Arizona high schools.

	Semester Hours
Lower division courses required	9
1. Select one course from the following:	
ENG 221 Survey of English Literature	
ENG 241 American Literature	
2. ENG 222 Survey of English Literature	
3. ENG 242 American Literature	
Upper division courses required	12
1. ENG 311 Persuasive Writing	
2. ENG 323 Rhetoric and Grammar	
3. ENG 473 Shakespeare	
4. One course in the literature of ethnicity <i>or</i> one course in the literature of gender as approved by a faculty advisor	—
Total	21

Nature of the program

The Department of Language, Cultures, and History offers a nonfiction writing certificate program for students enrolled in any college at Arizona State University. While taking writing certificate courses, students will a) learn and practice writing in the various styles and genres; b) be introduced to computer technology relevant to writing and publishing; c) discuss theoretical and pedagogical applications for classroom practices; and d) be exposed to information about local and national markets for publishing their work. One of the hallmarks of the program is that several of the classes offered are taught by professional writers.

Comprised of 19 semester hours and only one required course, the program offers opportunity for customizing a plan of study that reflects each student's interests and goals. Additionally, projects in the students' majors and internships are optional elements of the certificate.

At the discretion of the director of the program, students may fulfill a maximum of 9 semester hours of the requirements for the certificate with a) courses taken prior to formal admission; b) courses taken to fulfill requirements of other programs; or c) courses taken in other institutions.

Career outlook

Certification of advanced writing skills opens the way to an array of opportunities, from journalism and publishing to public advocacy, military and government careers, elementary

and secondary education, business management, economic development, legal/justice professions, and high-tech industry. Ability to communicate clearly and directly is a key to career advancement in all aspects of business, government, and community service.

Admission requirements

To gain admission to the Writing Certificate Program, students must demonstrate fundamental writing skills by submitting a portfolio of writing from lower division courses or independent writing projects. A GPA of 3.00 in the prerequisite courses ENG 101 and 102, or ENG 107 and 108, or ENG 105 is required.

Program requirements

The program requires a minimum of 19 semester hours of writing intensive and publication related coursework, including at least 12 semester hours of upper division courses. The Writing Certificate Portfolio (AMS 490) is mandatory for all students. A GPA of 3.00 or better is required for course work taken for the Writing Certificate, with the exception of the exit portfolio, which is graded on a satisfactory/fail basis.

AMS 490 Writing Certificate Portfolio (required).

Students will assemble a portfolio of writing that demonstrates their grasp of the skills presented during their program of study, for which they will earn one semester hour.

Electives. Course selections are chosen from the following in consultation with the director of the program:

AMS/ENG 219	Newspaper Production (3)
AMS 301	Introduction to American Studies (3)
AMS 342	Writing about American Culture (3)
AMS 344	Creative Writing (3)
AMS 345	Reporting (3)
AMS 346	Editing (3)
ENG 210	Introduction to Creative Writing (3)
ENG 301	Writing for the Professions (3)
ENG 311	Persuasive Writing (3)
ENG 316	Writing and Arguing Politics (3)
ENG 323	Rhetoric and Grammar (3)
ENG 394	ST: Research and Writing (3)
ENG 412	Writing for Publication (3)
COM 320	Communication and Consumerism (3)
COM 329	Persuasion (3)
COM 353	Professional Communication (3)
COM 414	Crisis Communication (3)
COM 484	Internship (1-3)
IAP 351	Concept, Image, and Text (3)
IAP 361	Digital Editing and Media Literacy (3)
IAP 394	Writing/Performance Seminar (3)
IAP 465	Media Technologies and the Arts (3)
AMS 494	ST: Freelance Photography (1)
AMS 494	ST: Writing Historical Fiction (1)
AMS/ENG 394	ST: Comedy Writing (1)
AMS/ENG 394	ST: Desktop Publishing (1)
AMS/ENG 394	ST: Magazine Publication (1)
AMS/ENG 394	ST: Scriptwriting (1)
AMS/ENG/IAP 494	ST: HTML Creating a Web Page (1)
AMS/ENG 494	ST: Layout and Design (1)
AMS/ENG 494	ST: Selling Your Writing (1)

Or other courses offered under the ENG or AMS designation or another prefix, all of which must be approved by the director of the program.

Capstone Project (optional). An approved capstone experience from the student's major (or AMS 498) may fulfill 1-3 semester hours.

Internship (optional). Students may fulfill 1-3 semester hours through an internship with a company, agency, or publication related to the student's planned career.

Nature of program

The Bachelor of Arts in History trains students in the use of basic tools and methods of the historical discipline. It exposes students to a broad span of modern history, a wide range of historiographical perspectives and approaches, and such fundamental categories of historical analysis as race, class, gender, and ethnicity. Students in the history program should develop habits of mind associated with history as a discipline, including an awareness of change over time, an ability to make reasoned arguments about historical events and developments, and a sensitivity to the varieties of historical experience.

The History major consists of several specific core courses and a range of electives and distributional requirements. It provides students with a solid foundation in historical methods while at the same time allowing them to tailor the major to their personal and professional interests. Students will develop their program of study in History in consultation with a faculty advisor.

Career outlook

The history major serves as excellent preparation to study in graduate or professional degree programs and for careers in which critical thinking, research, and writing skills are highly valued. The history major provides a strong foundation for understanding the forces of change that shape contemporary society, the marketplace, and the lives of individuals and groups, thereby equipping students to negotiate the complex cultural, community, and business environments of the 21st century.

Major requirements

The Bachelor of Arts degree in History requires a minimum of 45 semester hours with a grade of “C” (2.00) or better. Program requirements include:

- Twelve hours of core requirements in History
- Eighteen hours of History electives
- Fifteen hours of supporting coursework

At least 21 hours in history courses and six hours in supporting courses must be taken at the upper division.

The major requires completion of HIS 300 Historical Methods which should be scheduled early in the student’s program of study and HIS 498 History Pro-seminar, to be completed as an exit project during the student’s final semester.

	Semester Hours
Core requirements	
Lower or upper division requirements:	6
A two semester survey in United States History or European History or World History	
This requirement may also be satisfied by six hours of supporting course work in one of the following upper division survey sequences:	
American Survey	
AMS 310/HIS 305	American Systems I (L, H, C) <i>or</i>
AMS 320/HIS 303	American Cultures I (SB, H) and
AMS 311/HIS 306	American Systems II (H) <i>or</i>
AMS 321/HIS 304	American Cultures II (SB, H) <i>or</i>
AMS 330	Introduction to American Lives (HU)
European Survey	
HIS 355	World History to 1500 (G, H) <i>and</i>
HIS 356	World History since 1500 (G, H)
Upper division requirements:	
HIS 300	Historical Methods (L, H) 3
HIS 498	History Pro-seminar (L) 3
Total	12

History electives. History majors are required to complete 18 semester hours of history electives, of which a maximum of three hours may be taken at the lower division. The 15 semester hours of upper division course work must be distributed as follows: six hours in American history, six hours in European history, and three hours in comparative history.

Supporting course work. A minimum of 15 hours of supporting course work may be taken in American Studies, Ethnic Studies,

English and American literature, Religious Studies, foreign language courses, or in other related fields as approved by the History faculty advisor.

Optional. Students considering graduate studies upon completion of the baccalaureate degree should prepare themselves with proficiency in a foreign language.

Minor in History

The minor in History consists of 18 semester hours of history course work with a grade of “C” (2.00) or better, of which six semester hours may be lower division.

Lower or upper division requirements:

A two semester survey in United States History or European History or World History
 This requirement may also be satisfied by six hours of supporting course work in one of the following upper division survey sequences:

Semester
Hours

6

American Survey	
AMS 310/HIS 305	American Systems I <i>or</i>
AMS 320/HIS 303	American Cultures I <i>and</i>
AMS 311/HIS 306	American Systems II <i>or</i>
AMS 321/HIS 304	American Cultures II <i>or</i>
AMS 330	Introduction to American Lives
European Survey	
HIS 355	World History to 1500 <i>and</i>
HIS 356	World History since 1500

Upper division requirements:

HIS 300	Historical Methods	3
Select three history electives		9

Total		18
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History specialization

The requirements for the Bachelor of Arts in Secondary Education with a specialization in History consist of the Professional Teacher Preparation Program for Secondary majors (see the “College of Teacher Education and Leadership” section of this catalog) and 39 semester hours in the specialization area.

		Semester Hours
2. HIS 300	Historical Methods	3
3. U.S. History	(upper division; may choose 3 hours from HIS 303, 304, 305, or 306 if not yet taken)	9
4. Non-U.S. History	(6 upper division hours)	9
Total		<u>27</u>

Supporting course work. 12 semester hours of supporting course work, including six upper division hours to be approved by the BAE History advisor.

		Semester Hours
History requirements:		
1. U.S. History Survey		6
HIS 103, 104	The United States <i>or</i>	
HIS 303, 304	American Cultural History <i>or</i>	
HIS 305	History of American Systems to 1865 <i>and</i>	
HIS 306	History of American Systems since 1865	

Bachelor of Arts Degree in Spanish

Nature of program

The Spanish program consists of three tracks: language, literature, and cultures. These tracks are integrated within the discipline and with other disciplines within the New College of Interdisciplinary Arts and Sciences.

Spanish classes are taught through an intensive language approach using the most recent electronic technologies including videos, CD-ROMs, electronic chat groups, and news groups devoted to Hispanic literature and culture.

The program also offers credit for internships in social and business agencies. This school-to-work experience, in addition to offering the student an entry-level job opportunity, will provide stimulating linguistic and cultural rewards outside of the campus environment.

Career outlook

The Spanish major serves as excellent preparation for graduate school or for employment as a teacher in either the elementary or secondary school system, especially in those districts where bilingual programs are integral to the curricula. Outside the education system, students majoring in Spanish can find employment as translators and interpreters in social agencies, federal and state courts, the diplomatic corps, law enforcement agencies, and law firms. The business world also provides employment for those fluent in Spanish. This is especially true in the southwest, with its proximity to Mexico and through new outlets opened by the trilateral NAFTA agreement.

Major requirements

The Spanish major consists of a minimum of 45 semester hours, of which at least 30 hours are in Spanish (SPA) courses and 15 are in related courses to be selected in consultation with an Arts and Sciences academic advisor. Of the 30 hours in Spanish, at least 24 upper division hours are required, with at least nine hours at the 400 level. A minimum grade of “C” (2.00) is required in all upper division courses in Spanish. First-year Spanish courses (SPA 101, 102) are not applicable to the major, but may be applied to the degree as electives.

	Semester Hours
Required courses include:	
SPA 313 Spanish Conversation and Composition (G) (or 315*)	15
SPA 314 Spanish Conversation and Composition (G) (or 316*)	
SPA 325 Introduction to Hispanic Literature	
SPA 412 Advanced Conversation and Composition (G)	
SPA 425 Spanish Literature	
<i>*Equivalent courses for Bilinguals, available at ASU Tempe.</i>	
Two courses from the following:	6
SPA 426 Spanish Literature (HU)	
SPA 427 Spanish-American Literature	
SPA 428 Spanish-American Literature	
One course from the following:	3
SPA 471 Civilization of the Spanish Southwest (HU) (available at Tempe campus)	
SPA 472 Spanish-American Civilization (HU)	
Two SPA electives*	6
Related area coursework*	15
	—
Total	45
<i>*Chosen in consultation with a faculty advisor</i>	

Minor in Spanish

The minor in Spanish consists of 20 hours of Spanish course work, of which 12 hours must be upper division. All Spanish course work must be completed with a minimum grade of “C” (2.00). The following courses are required:

- SPA 201 Intermediate Spanish (4) *and*
 - SPA 202 Intermediate Spanish (4) *or*
 - SPA 207 Spanish for International Professions II (8)
- 12 additional hours at the 300 or 400 level, chosen in consultation with a faculty advisor.

The Department of Social and Behavioral Sciences offers students the opportunity to enroll in traditional social and behavioral science courses (Anthropology, Family Studies, Geography, Political Science, Psychology, and Sociology), as well as inter-

disciplinary courses. The faculty offers interdisciplinary Bachelor of Arts and Bachelor of Science degree programs in Social and Behavioral Sciences and Bachelor of Arts and Bachelor of Science degree programs in Political Science, Psychology, and Sociology.

Bachelor of Arts and Bachelor of Science Degrees in Social and Behavioral Sciences

Nature of program

The Bachelor of Arts and Bachelor of Science programs in Social and Behavioral Sciences provide an interdisciplinary foundation in the social and behavioral science disciplines. The objective of the Social and Behavioral Sciences degree program is to:

1. provide a basic understanding of the assumptions underlying the social and behavioral sciences;
2. develop the research skills necessary for the analysis of complex social issues;
3. offer a flexible program tailored to the career goals of the individual student; and
4. offer both individual and group experiences in working with faculty on concrete intellectual and policy issues.

The interdisciplinary program is designed to provide students with a substantive understanding of the theoretical assumptions and methodological techniques underlying the latter. Students can choose either a social science (ISS) or a behavioral science (IBS) emphasis. Each contains a number of course

clusters: in the ISS emphasis they are titled Identity/Difference, Power/Knowledge and Local/Global; in the IBS emphasis they are titled Biological Foundations, The Individual and the Family, and The Individual and the Group. All courses provide students with knowledge about the biological and/or social principles related to the behavior of individuals across multiple social contexts and institutions (family, community, society, and culture). For further details, please contact the department.

Career outlook

The interdisciplinary degrees are an excellent means of creating a degree program that both matches the individual's interests and fulfills many employers' expectations of a baccalaureate degree, namely that it should expose the student to varied outlooks and challenges. Such a degree will be competitive in most situations where the disciplinary social and behavioral degrees are accepted and is advantageous when seeking entry to broad professional programs such as regional planning or urban studies.

Major requirements

The Bachelor of Arts or Bachelor of Science in Social and Behavioral Sciences consists of 45 hours of required course work.

Students must select one of two emphases: Interdisciplinary Social Sciences or Interdisciplinary Behavioral Sciences. Each emphasis consists of:

- Required interdisciplinary core in theory and methodology
- Cluster requirements
- Electives

Interdisciplinary Social Sciences emphasis

		Semester Hours	
		BA	BS
Core requirements			
SBS 300	Interdisciplinary Approaches to Social and Behavioral Sciences (SB)	3	3
SBS 301	Cultural Diversity (L/SB, C)	3	3
SBS 302	Qualitative Methods	3	3
<i>or</i>			
SBS 303	Quantitative Methods	3	3
SBS 304	Social Statistics I (CS)	3	3
SBS 404	Social Statistics II (CS)	-	3
Cluster requirements			
Required topics courses:			
SBS 410	Topics in Identity/Difference	3	3
SBS 430	Topics in Power/Knowledge (SB)	3	3
SBS 450	Topics in Local/Global (SB, G)	3	3
Plus any three courses selected from among the following clusters:			
		9	9
<i>Identity/Difference</i>			
<i>Power/Knowledge</i>			
<i>Local/Global</i>			
Electives			
Choose courses with prefixes: ASB, FAS, GCU, POL, PGS, SBS, or SOC.			
		15	9
Total		45	45

Interdisciplinary Behavioral Sciences emphasis

		Semester Hours	
		BA	BS
Core requirements			
SBS 300	Interdisciplinary Approaches to Social and Behavioral Sciences (SB)	3	3
<i>Global Awareness or Cultural Diversity</i>			
		3	3
<i>(courses from the department)</i>			
SBS 302	Qualitative Methods	3	3
SBS 303	Quantitative Methods	3	3
SBS 304	Social Statistics I (CS)	3	3
SBS 404	Social Statistics II (CS)	-	3
Cluster requirements			
Select courses from each cluster as indicated:			
<i>Biological Foundations</i>		6	9
<i>The Individual and the Family</i>		6	3
<i>The Individual and the Group</i>		6	3
Electives			
Choose courses with prefixes: ASB, FAS, GCU, POL, PGS, PSY, SBS, or SOC.			
		12	12
Total		45	45

Alternative options for electives in either emphasis.

All course substitutions must be appropriately related to the student's interdisciplinary program of study within the major, as determined in consultation with and approved by a faculty advisor. A grade of "C" (2.00) or better is required of all substitutions. The student may elect to combine options.

- Up to six credits of lower division courses in any of the social sciences for the ISS emphasis, or the behavioral sciences for the IBS emphasis.
- Up to six credits of upper division courses taken in related fields outside the SBS department.
- Senior Thesis: (a two-course sequence, six credits: SBS 490, SBS 491) Under the supervision of an SBS faculty member, students conduct research and write up the results as the Senior Thesis. The Senior Thesis is optional but strongly encouraged. For students who complete a thesis, the degree will be posted on the transcript with the notation "with Senior Thesis."

Minor in Social and Behavioral Sciences

The minor offers students an interdisciplinary focus across several fields of the Social and Behavioral Sciences, including Sociocultural Anthropology, Geography, Political Science, Psychology, and Sociology.

The minor consists of 18 credit hours, at least 12 hours of which must be in upper division courses. Two courses are required:

1. SBS 300 Interdisciplinary Approaches to Social and Behavioral Sciences
2. SBS 302 Qualitative Methods *or*
SBS 303 Quantitative Methods

The remaining courses must be drawn from at least two of the fields of social and behavioral sciences (including the SBS interdisciplinary prefix). Internships or individualized instruction/research may not be applied to the minor. All courses must be passed with a minimum grade of “C” (2.00). Students wishing to pursue a minor must meet with an SBS faculty advisor to construct a minor that reflects a particular area of specialty and interest.

Bachelor of Arts and Bachelor of Science Degrees in Political Science

Nature of Program

The Political Science degree program is designed to help students gain an understanding of theory, practice and policy underlying political processes locally, nationally and internationally, as well as to train students in research skills necessary for the analysis of complex sociopolitical issues locally and globally. The program strives to meet these goals by offering students learner-centered coursework in political theory, American political institutions, and international relations and world affairs. These goals are accomplished by offering a flexible program of coursework focusing on international, urban, and race/ethnic sociopolitical areas, internships, and service-learning/action research opportunities. Under the direction of faculty, students throughout the degree program focus on intellectual and concrete policy issues in the greater Phoenix metropolitan area, the State of Arizona, the Arizona-Mexico borderlands, the Americas, and the world.

Career Outlook

The Political Science major provides students with the background and skills necessary to gain employment in a relevant profession or to continue their studies in graduate degree programs in political science, social science disciplines, urban planning, or professional schools. The baccalaureate degree in Political Science is also a good precursor to staff, manager, or policy analyst positions in local, state, and federal government. Some graduates work in the U.S. Foreign Service; as policy analysts/aides in Congress or in state legislatures; some are elected to those bodies. Alternate careers can be found in linking business interests and legislators. In addition, a Political Science degree is a recognized qualification for many careers in business (for profit and non-profit) and industry, particularly as firms become more global in scope. Some graduates may work in binational, cross-border positions linking U.S. and Mexican businesses, Arizona-Sonora local government, or local community groups on both sides of the bor-

der. Some students view a degree in Political Science as a valuable gateway to law school; many use the degree as a basis for further study in such applied fields as urban affairs/urban and regional planning, public administration, public policy, or community development.

Major requirements

The Bachelor of Arts degree in Political Science consists of 42 semester hours, of which 12 are core requirements, 18 are Political Science electives, and 12 are electives in related fields or in POL internships. For the BA, at least 15 hours in Political Science must be in upper division courses.

Required core

1. POL 101 Political Ideologies (SB) *or*
POL 340 Political Theory (L/HU, H)
2. POL 110 Government and Politics (SB) *or*
POL 310 American National Government: Ideas and Institutions (SB, H)
3. POL 160 Global Politics (SB, G) *or*
POL 360 World Politics Theory (SB, G)
4. SBS 302 Qualitative Methods *or*
SBS 303 Quantitative Methods

Political Science electives. Select 18 semester hours from among other POL courses, not including POL Internships.

Electives in internships and related fields. Select 12 semester hours from among courses in:

1. POL 484 Internship (No more than 6 hours may be applied toward the major)
2. Anthropology, Communication Studies, Criminal Justice and Criminology, Economics, Geography, History, Psychology, Social and Behavioral Sciences, Sociology, and Women's Studies
3. Other courses approved by the departmental adviser.

The Bachelor of Science degree in Political Science consists of 48 semester hours, including all of the core requirements and electives listed for the BA degree. Six additional hours are required for the BS degree, including three hours in Political Science and three hours in SBS 304 Social Statistics I (CS). For the BS, at least 21 hours in Political Science must be in upper division courses.

Minor in Political Science

The minor in Political Science consists of 18 semester hours in POL courses, 12 hours of which must be in upper division courses. The following courses are required for a Minor in Political Science, of which three hours must be in upper division courses:

1. POL 101 Political Ideologies *or*
POL 340 Political Theory
2. POL 110 Government and Politics *or*
POL 310 American National Government: Ideas and Institutions
3. POL 160 Global Politics *or*
POL 360 World Politics Theory

No more than three hours of internship and three hours of individualized instruction may be applied to the minor.

Nature of program

Psychology is the scientific study of the behavior and mental processes of individuals and groups. The West campus program provides a diverse curriculum of basic and applied courses that cover multiple perspectives within the field, including clinical, cognitive systems/behavioral neuroscience, cross-cultural, developmental, organizational, and social psychology. Courses are presented in the context of cultural, sociohistorical, and transnational issues, enabling the student to understand the relationship between psychology and other social and behavioral sciences.

Students may add practical experiences to enrich their program of study through service learning, internships, and research with individual faculty members. A strong emphasis is placed on developing skills in critical thinking and reasoning, quantitative and qualitative research methods, and writing to round out the student's preparation for a career or graduate studies.

Career outlook

A baccalaureate degree in psychology is a logical choice for careers in the mental health professions, the social services, education, government, and many areas of business, (e.g., sales and marketing, human services management). It is also an excellent foundation for graduate study in fields such as public administration, law, family studies, communication, and the various programs of psychology such as clinical and counseling, developmental, environmental, experimental, physiological, cognitive neuroscience, and social.

Major requirements

The Bachelor of Arts and the Bachelor of Science programs in Psychology consist of 31 semester hours in psychology and 18 semester hours of related course work,

including at least 15 upper division hours. Required course work in the major, or the equivalent, which must be passed with a minimum grade of "C" (2.00). Psychology Internships may not be used to fulfill psychology credit requirements; however, a maximum of six semester hours may be applied toward the related course work requirement.

Required lower division courses

PGS 101 Introduction to Psychology (SB)
PSY 230 Introduction to Statistics (CS)
PSY 290 Research Methods (SG)

Required upper division psychology courses

One course from the following:

PGS 315 Personality Theory and Research (SB)
PGS 341 Developmental Psychology (SB)
PGS 350 Social Psychology (SB)

One course from the following:

PSY 323 Sensation and Perception
PSY 324 Memory and Cognition (SB)
PSY 325 Physiological Psychology

Additional required psychology courses

1. one additional upper division PSY course (excluding PSY 394 Special Topics, PSY 494 Special Topics, and PSY 499 Individualized Instruction);
2. two additional upper division psychology courses (PGS or PSY); and
3. two additional psychology courses (excluding PGS 270 Psychology of Adjustment).

No more than a total of three hours in PGS 399 Supervised Research or PGS/PSY 499 Individualized Instruction may be used to complete the major requirements.

Related Course Work Requirements. Eighteen hours in courses related to psychology must be passed with a minimum grade of "C." They must be approved by an advisor and include:

One course from among:

CSE 180 Computer Literacy (CS)
CSE 185 Internet and the World Wide Web*

For the Bachelor of Arts in Psychology:

MAT 119 Finite Mathematics (MA)
(or higher level math course)

For the Bachelor of Science in Psychology:

1. MAT 210 Brief Calculus (MA)
2. one life science lab course from Biology, Microbiology, or Zoology
3. one physical science lab course from Astronomy, Chemistry, Geology, or Physics

The lab science courses taken to satisfy the BA and the BS requirements (including PSY 290) are in addition to the lab science courses used to meet the University General Studies requirements.

*Complete this Tempe campus course or transfer equivalent.

The minor consists of 22 hours in psychology, including the following:

Required lower division courses

PGS 101 Introduction to Psychology
PSY 230 Introduction to Statistics
PSY 290 Research Methods

Required upper division courses

One from the following:

PGS 315 Personality Theory and Research
PGS 341 Developmental Psychology
PGS 350 Social Psychology

One from the following:

PSY 323 Sensation and Perception
PSY 324 Memory and Cognition
PSY 325 Physiological Psychology

Two additional upper division psychology courses are required (PGS or PSY). A maximum of three hours of research (PGS 399 Supervised Research and PGS/PSY 499 Individualized Instruction) may be used to meet the minor requirements. Students with an appropriate equivalent course may exclude PSY 230 Introduction to Statistics and PSY 290 Research Methods from the requirements with prior approval of the psychology advisor. PGS 484 Internship may be taken for elective credit only. All courses must be passed with a minimum grade of "C" (2.00).

Bachelor of Arts and Bachelor of Science Degrees in Sociology

Nature of program

The Sociology program provides students with an understanding of theory, practice and policy underlying issues of social change and of inequality and diversity from multiple perspectives, including race/ethnicity, gender, economic position, age, geographic location and position in the global political economy. The student majoring in this degree will learn how sociology enhances one's understanding of social realities and institutions at local, national and international levels, and how sociology contributes to the other social sciences and to the humanities. Students gain a basic understanding of the assumptions underlying the discipline of sociology as well as develop research skills necessary for analysis of complex social issues. These are accomplished by offering a flexible program and by providing the student with both indi-

vidual and group experiences in working with faculty on concrete intellectual and policy issues.

Career outlook

Graduates with a baccalaureate degree in sociology apply the sociological perspective to a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services, and government. The discipline also offers valuable preparation for careers in journalism, politics, public relations, or public administration, all fields that involve investigative skills and an ability to work with diverse groups. Graduates with an advanced degree in sociology may become research analysts, survey researchers, gerontologists, statisticians, urban planners, community developers, criminologists, or demographers.

Major requirements

The Sociology major consists of 45 semester hours, of which 30-33 must be in sociology and 12-15 in closely related fields approved by the faculty advisor in consultation with the student. At least 18 semester hours must be in upper division courses. The 30 hours must include:

		Semester Hours	
		BA	BS
Required core			
SOC	101 Introductory Sociology (SB)	3	3
		<i>or</i>	<i>or</i>
SOC	301 Principles of Sociology (SB)	3	3
SBS	302 Qualitative Methods	3	3
		<i>or</i>	
SBS	303 Quantitative Methods	3	3
SBS	304 Social Statistics I (CS)	3	3
SOC	486 Contemporary Theory (SB)	3	3

Semester Hours

BA BS

18 18

Cluster requirements

Students are required to take one course from three of the four clusters (nine credits) and three additional courses (nine credits) from any of the four clusters:

Culture and Power
Social Conflict and Change
Family, Work, and Community
Social Inequality: Race, Class, and Gender

Electives

The remaining 12-15 hours may be taken from other courses in Sociology or from courses in related fields: Anthropology, American Studies, Criminal Justice and Criminology, Geography, Integrative Studies, Political Science, Psychology, and Women's Studies.

15 12

Minor in Sociology

The minor in Sociology requires 18 hours in sociology, nine of which must be upper division, including:

1. SOC 101 Introductory Sociology *or*
SOC 301 Principles of Sociology
2. SBS 303 Quantitative Methods *or*
SOC 486 Contemporary Theory
3. Four additional sociology courses to be selected in consultation with the student's advisor in sociology.

Social Studies specialization

The requirements for the Bachelor of Arts in Secondary Education with a specialization in Social Studies consist of the Professional Teacher Preparation Programs for Secondary Education majors (see the “College of Teacher Education and Leadership” section of this catalog) and 39 semester hours in social and behavioral sciences coursework.

	Semester Hours
Required courses include	
Economics	
ECN 111 Macroeconomics	3
ECN 112 Microeconomics	3
History	
HIS 300 Historical Methods	3
HIS 443 Constitutional History of the United States	3
<i>Select one pair of courses from the following:*</i>	6
HIS 103 The United States and	
HIS 104 The United States	
HIS 303 American Cultural History and	
HIS 304 American Cultural History	
HIS 305 History of American Systems to 1865 and	
HIS 306 History of American Systems since 1865	

<i>Select two courses from the following:*</i>	6
HIS 100 Western Civilization	
HIS 101 Western Civilization	
HIS 102 Western Civilization	
HIS 355 World History to 1500	
HIS 356 World History since 1500	
Political Science	
<i>Select one course from the following:</i>	3
POL 101 Political Ideologies	
POL 340 Political Theory	
POL 446 Democracy	
<i>Select one course from the following:</i>	3
POL 160 Global Politics or	
POL 360 World Politics Theory	
<i>Select one course from the following:</i>	3
POL 460 Politics of Globalization	
POL 486 Global Political Economy	
Anthropology, Geography, Sociology	
<i>Select two courses from the following:</i>	6
ASB 311 Principles of Anthropology	
ASB 340 Migration and Culture	
GCU 357 Social Geography	
SOC 352 Social Change	
SOC 456 Political Sociology	
Total	39

*A maximum of nine hours of History courses may be lower division.

Minor in Sociocultural Anthropology

The Sociocultural Anthropology minor focuses on sociocultural anthropology with an interdisciplinary social science component. The minor requires 18 semester hours, at least 12 hours of which must be in upper division courses. Two courses, ASB 311 and SBS 302, are required. The other 12 hours may be drawn from ASB courses and from several key SBS courses in the interdisciplinary social science degree. All courses must be passed with a minimum grade of “C” (2.00).

Upper division ASB courses offered at ASU’s Tempe campus may be applied toward the Minor in Sociocultural Anthropology. Up to six hours of lower division ASB credit and three hours of Individualized Instruction (ASB 499) may also be applied toward the minor.

Required upper division courses:	
ASB 311	Principles of Social Anthropology
SBS 302	Qualitative Methods
Select 12 hours from the following:	
ASB 319	Indigenous Peoples of North America
ASB 340	Migration and Culture
ASB 346	Marriage and Family Diversity
ASB 350	Anthropology and Art
ASB 353	Death and Dying in Cross-Cultural Perspective
ASB 440	Women and the Global Factory
ASB 441	Sexuality and Culture
ASB 442	Urban Anthropology
ASB 394/494	Special Topics
ASB 499	Individualized Instruction (3 hours maximum)
SBS 301	Cultural Diversity
SBS 410	Topics in Identity/Difference
SBS 430	Topics in Power/Knowledge
SBS 440	Family Studies
SBS 450	Topics in Local/Global
SBS 460	Urban Studies
Other approved course	

Nature of program

The Minor in Interdisciplinary Organizational Studies is designed to increase students' understanding of the behavior and the dynamics of individual, group, and organizational processes in the workplace. It incorporates perspectives from the behavioral and social sciences, communication studies, and management. The minor is learner-centered and allows students to select coursework that matches their career and educational goals.

Career outlook

The minor is relevant to students who seek employment in corporate and small business, governmental agencies, and non-profit organizations, such as in the health professions, social services, education, public relations, and community services. The minor is also good preparation for students seeking to pursue graduate studies in organizational psychology, human relations, industrial relations, or related fields in sociology and communication.

Minor requirements

The Minor in Interdisciplinary Organizational Studies is open to all undergraduate majors. Students, however, should consult with the advisors in the department of their major to determine if the minor is consistent with their educational goals. Students are encouraged to take courses outside their major and college. No more than six credits may be applied from major requirements toward completion of the minor.

The minor consists of 21 semester hours of which 18 must be upper division coursework.

Semester Hours
 12

Required courses

1. Research Methods Course
 (SBS advisor's approval required)
2. PGS 453 Organizational Behavior
3. PGS 430 Industrial Psychology or
 SBS 461 Program Evaluation and Policy Research
4. SOC 419 Organizations and Technological Change

Electives

Cluster 1: Courses focused on organizations

Select two courses or Internship plus one course from the following:

- COM 450 Theory and Research in Organizational Communication²
- COM 451 Employee Participation Processes in Organizations²
- COM 453 Communication Training and Development²
- GLB 303 Relationship Management
- MGT 301 Principles of Management
- MGT 412 Managing Human Resources
- PGS 430 Industrial Psychology¹
- PGS 482 Social Influence and Consumer Behavior
- PHI 360 Business and Professional Ethics
- REC 301 Leadership in Recreation and Tourism
- SBS 461 Program Evaluation and Policy Research¹
- SOC 324 Work and the Workplace

Other approved course

Recommended Option

- 484 Internship in Organizations
 Course prefix (e.g., PGS, COM, SOC) and internship site approved by the SBS advisor.

Cluster 2: Courses focused on diversity within organizations

Select one course from the following:

- COM 463 Cultural and Intercultural Communication Theory & Research²
 - PGS 480 Cross-Cultural Social Psychology
 - POL 435 Women, Power, and Politics
 - SOC 370 Racial and Ethnic Minorities
 - SOC 400 Perspectives on Aging
 - SOC 426 Social Inequality
 - WST 350 Race, Class, and Gender
 - WST 487 Gender and International Development
- Other approved course

¹ Course may be selected if not used to fulfill core requirements

² Prerequisites: COM 308 and COM 309 may be waived for non-Communication Studies majors

Nature of program

Women's Studies is an interdisciplinary program with strong cross-cultural, national, and global perspectives at the center of the curriculum. Both curriculum transformation and social change are central to the program. The curriculum includes courses offered by the Women's Studies Program and by other academic programs and departments throughout the university. Women's Studies courses can be used to fulfill the requirements of the Bachelor of Arts, Bachelor of Science, Minor, and Certificate in Women's Studies. The courses also fulfill General Studies requirements and serve as electives. Following are the goals of the Women's Studies Program:

- To provide the university and the community with academic programs of study and research that place women at the center of the university curriculum.
- To provide a model for interdisciplinary teaching and research with cross-cultural, national, and global perspectives on women.
- To generate and facilitate research on women's experience and the social construction of gender.

- To stand as a visible example of the university's commitment to improve the status of women.

Women's Studies offers the following academic programs:

BA, BS Women's Studies
Certificate in Women's Studies

Women's Studies Resource Center

As a multi-component program of Women's Studies, the Women's Studies Resource Center supports research pertaining to local, national and global issues in Women's Studies. See [page 25](#) for more information.

Career outlook

Women's Studies majors receive a valuable educational background that provides the knowledge and critical thinking skills needed to deal with changing gender roles in our society. A major, minor, or certificate in Women's Studies prepares students for opportunities in many settings: business and professional schools, education and training, health care services, human resources development, public and business administration, social services, and graduate study in the humanities and social sciences.

Bachelor of Arts or Bachelor of Science Degrees in Women's Studies

Major requirements

The major consists of 45 semester hours, 30 in Women's Studies and 15 in a coherent set of related courses. At least 30 of the 45 semester hours required for the major must be completed in upper division

courses. In addition, for the BS degree, students must complete six hours of statistics, computer science, or quantitative research methods. This sequence must be approved by the Women's Studies advisor.

Core requirements. (21 hours)

1. WST 100 Women and Society (SB, C) *or*
WST 300 Women in Contemporary Society (SB, C)
2. WST 350 Race, Class, and Gender (SB, C)
3. WST 457 Women, Cultures, and Societies (SB, G)
4. WST 498 Proseminar: Theory and Method in Women's Studies (L)
5. One course with a *global perspective* selected from the following:
WST 390 Women and World Religions (L/SB, G)
WST 475 Women of the Diaspora Across Cultures (HU, G)
WST 483 Contemporary Women Writers (HU, G)
WST 487 Gender and International Development (SB, G)
or other approved course
6. One course with a *focus on representation* selected from the following:
WST 370 Chronicling Women's Lives (HU, C)
WST 376 Feminist Theory (L, C)
WST 467 Ethnic Women Writers (L/HU, C)
WST 473 Latina/Chicana Representation (SB, C)
or other approved course
7. One course with *focus on culture studies* selected from the following:
WST 320 Women in Popular Culture (HU, C)
WST 431 Women and Film (L, G)
or other approved course

No course may be used to satisfy more than one of these seven core requirements. Students must complete all course work

in the major with a grade of "C" (2.00) or better. No pass/fail credit may be used for major requirements.

Electives. In addition to the 21 hours of core requirements, students must complete an additional nine hours of courses from those offered by the Women's Studies Program and fifteen hours of work in related courses. The plan for completing the related courses requirement must be worked out with and approved in writing by the Women's Studies advisor.

Internships. Women's Studies offers internships with business and nonprofit organizations that are designed to enable students to balance theory with practice, to gain valuable training, and to serve as potential placement opportunities. Women's Studies students at their own initiative have the opportunity to work with organizations as varied as Planned Parenthood, the Women's Studies Resource Center-ASU's West campus, the Center for New Directions, Motorola, Viad, and others.

Certificate Program in Women's Studies

A Certificate in Women's Studies is awarded for the successful completion of all 21 hours of core requirements. The certificate

program is recommended for graduate students, nondegree students, and students with majors in professional programs.

Minor in Women's Studies

The Women's Studies minor consists of 18 semester hours. Required courses consist of WST 100 (or WST 300), WST 350, WST 457, WST 498, and one course each in *two*

of the following three areas: global, representation, and culture studies.

Ethnic Studies Program

Director: Gloria H. Cuádriz, PhD
Program Coordinator: Doris Roman
Location: FAB N205A (602) 543-6007

Nature of program

The Minor and Certificate in Ethnic Studies explore the study of ethnicity within the United States. The program is designed to foster direct linkages between the university and community through student participation in community-based internships that are a keystone to the program. With an emphasis on service learning that combines the acquisition of analytical skills from classroom instruction and work experience gained through community-based organization internships, students are placed at a significant advantage in acquiring jobs in the state and local labor market.

Courses in the Ethnic Studies minor and certificate are designed to:

1. address theoretical, analytical, and practical issues relevant to understanding race, culture, and ethnicity in American society from a comparative and interdisciplinary perspective;
2. enhance the student's critical thinking and writing skills through the study of ethnicity in the United States;

3. develop more effective skills for working in diverse communities through integration of service-learning experiences in course content; and
4. create collaborations among faculty, students, and community members to address concrete issues facing racial and ethnic groups in the United States.

This minor/certificate is designed for students who plan to work and live in ethnically diverse communities and seek to acquire the skills for understanding the complexities of race, class, and gender at a local or national level. It is expected that students in the minor/certificate program will be able to think both analytically and creatively about ethnicity in the United States. The minor or certificate is strongly recommended for students who plan to enter a wide variety of jobs in such sectors as business, the health professions, the criminal justice system, social services, education, public relations, community development, public policy, or government. It is also valuable for students preparing for further graduate study.

Minor in Ethnic Studies

The minor consists of 21 semester hours, 15 of which must be at the upper division level. Students are encouraged to take courses that develop breadth rather than limiting their selection to courses in one particular discipline. Up to three semester hours of individualized instruction may be applied toward the minor. All courses must be passed with a minimum grade of "C" (2.00).

Required courses

- ETH 300 Principles of Ethnic Studies (C)
ETH 484 Ethnic Studies Internship

Electives

Five courses selected from the approved Ethnic Studies course list in consultation with the Ethnic Studies advisor.

Semester
Hours
6

15

Certificate in Ethnic Studies

The Certificate Program is recommended for graduate students, non-degree students, and students with majors in professional programs. A certificate in Ethnic Studies is

awarded for successful completion of 21 semester hours, including ETH 300 and 18 semester hours of elective courses from the approved course list.

Religious Studies Minor

Minor in Religious Studies

Interim Director: Linda Stryker, PhD
Location: FAB N277
(602) 543-6024

The Minor in Religious Studies consists of 21 semester hours of Religious Studies coursework, of which 18 must be upper division hours. Fifteen hours of campus resident credit is required. Only courses in which the student earns a minimum grade of “C” (2.00) can be counted toward the minor. Courses are to be selected in consultation with the Religious Studies Director to create a coherent and complete program of study for the minor.

Requirements

At least one course from the following:

- AMS 417 Religious Traditions of the American Southwest
- REL 320 Religion in America (to Civil War)
- REL 321 Religion in America (after Civil War)
- REL 420 Religion in American Life and Thought

At least two courses from the following:

- REL 305 Ritual, Symbol, and Myth
- REL/WST 390 Women and World Religions
- ENG 424 Milton
- HIS 363 The Reformation
- IAS/REL 494 Science and Religion
- AMS/REL 494 Psychology of Religion

At least one Special Topics Course:

- AMS/COM/IAS/REL/WST 394/494

Examples of topics may include: Spiritual Narratives, Communication as Theology, Testimony in a Post-Metaphysical World, The Goddess Religions, Gender and the Environment

Select 9 semester hours of Religious Studies electives from the following in consultation with the Director:

Other approved courses

- AMS/IAS/WST 484 Internship
- AMS/COM/IAS/REL/WST 499 Individual Instruction or Senior Thesis

Master of Arts Degree in Interdisciplinary Studies

Master of Arts Degree in Interdisciplinary Studies

Associate Dean: Candice Bredbenner, PhD
Location: FAB N203D
(602) 543-6241

Nature of program

The Master of Arts Degree in Interdisciplinary Studies is a graduate program designed to respond to the needs of postbaccalaureate students who wish to pursue an advanced degree for (1) job advancement or redirection, (2) personal development and intellectual growth, or (3) preparation for further graduate study. Prospective students

include those working in the public educational system, particularly secondary education teachers who intend to increase and integrate their knowledge in content areas; those employed in the corporate sector and social service system; and professionals who wish to return to the university and pursue enrichment in liberal arts areas.

The Master of Arts degree in Interdisciplinary Studies will comprise 30 hours of coursework. Three required core courses will develop advanced critical thinking skills and knowledge of current research tools, technologies, and methodologies in a variety of fields. Working with a faculty mentor, each student will plan a set of emphasis courses to meet their educational goals. Emphasis courses may be selected from graduate course offerings from departments throughout the New College of Interdisciplinary Arts and Sciences as well as from other colleges and schools when approved by the director. Examples include a plan to study ethics and environment, media and ethnicity, urban studies, and the arts. The program of study may include one elective course and will conclude with a capstone experience requiring a written or applied project.

Admission

Admission to the master's program is open to:

1. holders of baccalaureate degrees from institutions with regional accreditation;
2. those who show promise of success as demonstrated by previous schooling and experience;
3. those who have academic and career goals that are compatible with the educational objectives of the program; and
4. those who have taken the Graduate Record Examination (GRE). This requirement may be waived if the applicant has attended a graduate or professional school that required a standardized admission test.

Application. Application packets are available from the Office of Graduate Studies and the Master of Arts in Interdisciplinary Studies Program Office. The Office of Graduate Studies must receive the application, application fee and an official transcript from every university or institution attended before an application can be considered. GRE scores must be sent directly to ASU. On the appropriate program forms, letters of recommendation, a resume, a writing sample, and a

personal statement must be sent to the program office. The application deadline is March 15 for fall semester.

Students may elect to take the degree in conjunction with the graduate Certificate in Gerontology (see [page 129](#)).

The application, application fee, and transcripts should be sent to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

All other information for admission processing should be sent to:

MA in Interdisciplinary Studies Program
New College of Interdisciplinary Arts and Sciences
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

Admission process. Each application is reviewed by a faculty committee. The candidate will be selected after consideration of the undergraduate grade point average, GRE scores, academic and work experiences, letters of recommendation*, personal statement*, and writing sample*. (**As specified by program application forms.*)

Program requirements

The MA in Interdisciplinary Studies is a 30 semester hour degree program that includes:

	Semester Hours
Required courses	
MAS 500 Perspectives in Interdisciplinary Studies	3
MAS 501 Models of Inquiry for Contemporary Issues	3
MAS 505 20th Century Thought: Concepts of Change, Culture, Mind	3
MAS 585 Capstone Course	3
Emphasis area	15-18
Elective	0-3

Emphasis area. Working with a faculty mentor, students will select 15-18 semester hours of graduate level coursework that reflect a particular area of specialty or interest.

Applied Computing

ACO 101 Introduction to Computer Science (3)

fall

Concepts of problem solving, structured and object-oriented programming in Java, fundamental algorithms, computer system concepts. Social and ethical responsibilities. Prerequisite: MAT 117. General studies: CS.

ACO 102 Principles of Computer Science (3)

spring

Issues and concepts throughout computer science, including software development, data organization, machine architecture, algorithmic machines, and ethics in computing. Java programming. Fee. Prerequisite: ACO 101. General studies: CS

ACO 201 Data Structures and Algorithms (3)

fall

Static and dynamic data structures; recursive and iterative sorting and searching; object oriented design and programming; software design models and implementation/testing strategies; professional responsibilities. Fee. Prerequisites: ACO 102; MAT 210. General studies: CS.

ACO 210 Introduction to Systems Programming (3)

spring

Introduction to operating systems as resource managers, processes, threads, memory allocation, file systems, protection, system calls, application program interfaces. Fee. Prerequisite: ACO 201. General studies: CS.

ACO 220 Introduction to Database Systems (3)

spring

Introduction to database management systems concepts. Entity-relationship and relational data models. Database design. Relational algebra, calculus, and SQL query languages. Query optimization. Fee. Prerequisites: ACO 201; MAT 243. General studies: CS.

American Studies

AMS 219 Newspaper Production (3)

selected semesters

Students will work on campus newspaper to learn basics of news and column writing, digital photography and layout. Cross-listed as ENG 219. Prerequisite: ENG 102 (or 105). General studies: L.

AMS 301 Introduction to American Studies (3)

fall

Introduction to the interdisciplinary study of American culture. Course emphasizes critical reading and writing skills. Cross-listed as HIS 301. Prerequisite: ENG 101 (or 105). General studies: L.

AMS 310 American Systems (3)

fall

First of a two-part survey of political, legal, and economic institutions, placed in the context of a dynamic industrialist capitalist society. Cross-listed as HIS 305. Prerequisite: ENG 101 (or 105). General studies: L, C, H.

AMS 311 American Systems (3)

spring

Second in a two-part survey of political, legal, and economic institutions, placed in the context of a dynamic industrialist capitalist society. Cross-listed as HIS 306. Prerequisite: ENG 101 (or 105). General studies: H.

AMS 314 Military Studies (3)

selected semesters

Topics in the history of the American military. May be repeated for credit when topics vary.

AMS 316 American Religious Systems (3)

selected semesters

Topics in American religion. May be repeated for credit when topics vary. Topics may include Hispanic missions of the Southwest.

AMS 320 American Cultures (3)

fall

First of a two-part survey of American culture, broadly defined as historically transmitted patterns of meaning expressed in symbolic forms, i.e., in philosophy, science, art, literature, and religion. Cross-listed as HIS 303. General studies: SB, H.

AMS 321 American Cultures (3)

spring

Second of a two-part survey of American culture, broadly defined as historically transmitted patterns of meaning expressed in symbolic forms, i.e., in philosophy, science, art, literature, and religion. Cross-listed as HIS 304. General studies: SB, H.

AMS 322 Studies in American Literature (3)

selected semesters

Topics in American literature. May be repeated for credit when topics vary.

AMS 323 Studies in American Art and Architecture (3)

selected semesters

Topics in the visual arts and material culture. May be repeated for credit when topics vary.

AMS 326 Popular Culture (3)

selected semesters

Topics in American popular culture, including theories of popular culture, the history and analysis of mass media including television, film, and the music industry, and vernacular art and the "folk" tradition. May be repeated for credit when topics vary.

AMS 327 Regional Cultures (3)

selected semesters

Examination of the concept of regionalism and regional cultures in America with a special emphasis on the Southwest/Borderlands.

AMS 330 Introduction to American Lives (3)

fall, spring

An examination of American society through the study of autobiography and ethnography.

General studies: HU.

AMS 332 Studies in Race and Ethnicity (3)

selected semesters

Topics relating to issues of race and ethnicity in American life. May be repeated for credit when topics vary.

AMS 334 The American Class System (3)

selected semesters

Studies in social classes and their function within American society. May be repeated for credit when topics vary.

AMS 335 American Biography (3)

selected semesters

Topics in biographies of individuals, comparative biographies, the art of biography, and the function of autobiography. May be repeated for credit when topics vary.

AMS 342 Writing about American Culture (3)

selected semesters

This course is designed to teach students methods of writing cultural criticism. Emphasis is on the essay form.

AMS 344 Creative Writing (3)

selected semesters

Emphasizes the study and practice of creative nonfiction. May be repeated for credit when topics vary.

AMS 345 Reporting (3)

selected semesters

Fundamentals of news gathering, interviewing, and in-depth reporting.

AMS 346 Editing (3)

selected semesters

Theory and practice of editing.

AMS 351 Technical Writing (3)

fall

Computer-based instruction in writing documents for on-line, oral, and print formats, focusing on audience-centered rhetoric. Hands-on lab. Prerequisite with a grade of "C" (2.00) or higher: ENG 102 (or 105).

AMS 412 Studies in American Politics and Law (3)

selected semesters

Topics in American political and legal systems. May be repeated when topics vary. Topics may include social movements in the United States and women and the law.

AMS 414 Military Studies (3)

selected semesters

Topics in the history of the American military. May be repeated for credit when topics vary.

AMS 417 Religious Traditions of the American Southwest (3)

spring

Examines the sacred traditions that have evolved within the North American Southwest context.

General studies: C.

AMS 422 Studies in American Literature (3)

selected semesters

Topics in American literature. May be repeated for credit when topics vary. Topics may include contemporary American comic fiction, literature of the American South, the literature of American wars, Hispanic chronicles of the Southwest, literature of la Chicana, and American rhetoric. Prerequisite: ENG 101 (or 105). General studies: L/HU.

AMS 428 Chicano Cultures in the Southwest (3)

fall

This course examines and explores Chicana/o culture as place and sentiment. The physical place and space and the sentiment related to Chicanas/os. General studies: SB.

AMS 429 Interdisciplinary Topics (3)

selected semesters

Senior-level seminar that examines issues relevant to two or more American cultures' fields. May be repeated for credit when topics vary. Topics may include Southwest/border Hispanic folklore, Southwestern corridors, American art and the city, and the West of the imagination.

AMS 431 Gender Studies (3)

selected semesters

Topics relating to issues of gender in American life. May be repeated for credit when topics vary.

AMS 432 Studies in Race and Ethnicity (3)

selected semesters

Topics relating to issues of race and ethnicity in American life. May be repeated for credit when topics vary.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses
, and
/ or

AMS 490 Writing Certificate Portfolio (1)*fall, spring, summer*

Preparing a portfolio demonstrating advanced writing skills. Limited to and required of students in the Writing Certificate Program. Prerequisite: completion of course work for Writing Certificate Program.

AMS 494 Special Topics (3)*fall, spring*

Senior-level seminar exploring issues or topics from the perspective of each of the three tracks in American Studies. Topics may include American environment, exploration of America, modernism and modernity, the 1920s: age of experiment.

AMS 498 Proseminar (3)*spring*

Senior-level exit seminar for American Studies majors.

Anthropology

ASB 102 Introduction to Cultural and Social Anthropology (3)*selected semesters*

Principles of cultural and social anthropology, with illustrative materials from a variety of cultures. The nature of culture. Social, political, and economic systems; religion, aesthetics, and language. General studies: SB, G.

ASB 211 Women in Other Cultures (3)*selected semesters*

Cross-cultural analysis of the economic, social, political, and religious factors that affect women's status in traditional and modern societies. General studies: HU/SB, G

ASB 311 Principles of Social Anthropology (3)*fall*

Comparative analysis of domestic groups and economic and political organizations in primitive and peasant societies. Prerequisite: ENG 101 (or 105). General studies: SB, G, H.

ASB 319 Indigenous Peoples of North America (3)*selected semesters*

Ethnology of the range of Native North American Indian cultural history. Comparative analysis of historical and contemporary issues.

ASB 340 Migration and Culture (3)*spring*

Examines migration and culture embedded in a transnational field of social, economic, and political processes. General studies: SB, G.

ASB 346 Marriage and Family Diversity (3)*fall, spring*

Social, economic, and cultural factors that shape family diversity in relation to generational and gender dynamics within the family. General studies: SB, C.

ASB 350 Anthropology and Art (3)*selected semesters*

Art forms of people in relationship to their social and cultural setting. Prerequisite: ASB 102 or instructor approval. General studies: HU.

ASB 353 Death and Dying in Cross-Cultural Perspective (3)*fall, spring*

Humanistic and scientific study of aging, sickness, dying, death, funerals, and grief and their philosophy and ecology in non-Western and Western cultures. Cross-listed as SOC 353. General studies: HU/SB, G.

ASB 394 Special Topics (3)*fall, spring*

Topics may include anthropology of gender, cross-cultural perspectives on art.

ASB 440 Women in the Global Factory (3)*selected semesters*

Examines the impact of Third World women's incorporation into the new global division of labor in the late 20th century. General studies: SB, G.

ASB 441 Sexuality and Culture (3)*selected semesters*

This course uses a global, comparative approach to examine the cultural and historical construction of sexualities. General studies: SB, G.

ASB 442 Urban Anthropology (3)*spring*

Issues in understanding urban culture and social space from interdisciplinary anthropological perspective. May involve fieldwork. May be repeated for credit when topics vary. General studies: SB.

Art

ART 301 Photography II (3)*selected semesters*

Photography as an art medium with additional exploration into personal photographic aesthetics. 6 hours a week. Fee. Prerequisites: ART 113 and 115 and 201 or instructor approval.

ART 304 Advanced Photography (3)*selected semesters*

Interpretation and manipulation of light as a tool in the performance of expressive photography. 6 hours a week. Fee. Prerequisite: ART 301 or instructor approval.

ART 314 Life Drawing II (3)*selected semesters*

Drawing from the model with greater reference to structural, graphic, and compositional concerns. 6 hours a week. Fee. Prerequisite: ART 214 or instructor approval.

ART 323 Painting II (3)*selected semesters*

Development of competency in skills and expression. Assigned problems involve light, space, color, form, and content. 6 hours a week. Prerequisite: ART 223 or instructor approval.

ART 324 Painting III (3)*selected semesters*

Continuation of ART 323. 6 hours a week. Prerequisite: ART 323 or instructor approval.

ART 325 Figure Painting (3)

selected semesters

The human figure clothed and nude as the subject for painting in selected media. 6 hours a week. Fee. Prerequisites: ART 314 and 323.

ART 394 Special Topics (3)

selected semesters

Topics may include music videos, rock culture and the avant garde, aesthetics of visual perception.

ART 414 Advanced Life Drawing (3)

selected semesters

Various media and techniques on an advanced level. The human figure as an expressive vehicle in various contexts. 6 hours a week. May be repeated for credit. Fee. Prerequisite: ART 315 or instructor approval.

ART 425 Advanced Figure Painting (3)

selected semesters

Continuation of ART 325, 6 hours a week. May be repeated for credit. Fee. Prerequisites: ART 315 and 324 and 325.

ART 598 Special Topics (3)

selected semesters

Topics may include problem painting, problem life drawing, life drawing.

Art Auxiliary

ARA 460 Gallery Exhibitions (3)

selected semesters

Practical experience in all phases of department gallery operations and preparation of gallery publications. May be repeated once for credit. Prerequisite: instructor approval.

Art History

ARS 101 Art of the Western World I (3)

fall

History of Western art from the Paleolithic period through the Middle Ages. General studies: HU, H.

ARS 102 Art of the Western World II (3)

spring

History of Western art from the Renaissance to the present. General studies: HU, H.

ARS 438 Art of the 20th Century I (3)

selected semesters

Developments and directions in art between 1900 and World War II. Prerequisites: ARS 101 and 102 or instructor approval. General studies: HU.

ARS 439 Art of the 20th Century II (3)

selected semesters

Art since World War II, with consideration of new concepts and experimentation with media and modes of presentation. Prerequisites: ARS 101 and 102 and 438 or instructor approval. General studies: HU, H.

ARS 494 Special Topics (3)

selected semesters

Topics may include art of the Southwest.

Astronomy

AST 111 Introduction to Solar Systems

Astronomy (3)

fall

History, properties of light, instruments, study of solar system and nearby stars. For non-science majors. Optional lab (AST 113). General studies: SQ (if credit also earned in AST 113).

AST 112 Introduction to Stars, Galaxies, and Cosmology (3)

spring

Structure and evolution of stars, star clusters, galaxies, cosmology. For non-science majors. Optional lab (AST 114). General studies: SQ (if credit also earned in AST 114).

AST 113 Astronomy Laboratory I (1)

fall

Astronomical observations and experiments designed to help the student become familiar with the sky, telescopes, and astronomical measurements. 3 hours lab. Pre- or corequisites: AST 111; a working knowledge of high school algebra and geometry. General studies: SQ (if credit also earned in AST 111).

AST 114 Astronomy Laboratory II (1)

spring

Similar to AST 113, but material chosen to supplement AST 112. 3 hours lab. Pre- or corequisites: AST 112; a working knowledge of high school algebra and geometry. General studies: SQ (if credit also earned in AST 112).

AST 494 Special Topics (1-4)

selected semesters

Topics may include modern topics in astronomy and astrophysics. Prerequisite: at least one astronomy course.

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G Global awareness courses

H Historical awareness courses

, and / or

Biology

BIO 100 The Living World (4)

fall, spring

Principles of biology. Cannot be used for major credit in the biological sciences. 3 hours lecture, 3 hours lab. Fee. General studies: SQ.

BIO 187 General Biology I (4)

fall

Biological concepts emphasizing principles and the interplay of structure and function at the organismal, population, and community levels. 3 hours lecture, 3 hours lab. Intended for life sciences, biology, and health-related science majors. Fee. General studies: SG.

BIO 188 General Biology II (4)

spring

Biological concepts emphasizing principles and the interplay of structure and function at the molecular, cellular, and organismal levels. 3 hours lecture, 3 hours lab. Fee. Prerequisite: BIO 187. General studies: SQ

Chemistry

CHM 101 Introductory Chemistry (4)

spring

Elements of general chemistry. Designed for non-majors. Credit is allowed for only CHM 101 or 107 or 113 or 114 or 117. 3 hours lecture, 3 hours lab. Fee. General studies: SQ.

CHM 113 General Chemistry (4)

fall

Principles of chemistry. Adapted to the needs of students in the physical, biological, and earth sciences. 3 hours lecture, 1 hour discussion, 2 hours lab. Credit is allowed for only CHM 113 or 101 or CHM 107, 114, or 117 (available at Tempe campus). Fee. Prerequisite: 1 year of high school chemistry recommended; MAT 106 or 3 semesters of high school algebra. General studies: SQ.

CHM 115 General Chemistry with Qualitative Analysis (5)

spring

Continuation of CHM 113. Equilibrium theory, chemistry of metals, nonmetals, and metalloids and the introduction to organic chemistry. Laboratory includes qualitative analysis. 3 hours lecture, 2 hours discussion, 4 hours lab. Credit is allowed for only CHM 115 or CHM 114, 116, or 118 (available at Tempe campus). Fee. Prerequisite: CHM 113 or 2 years of high school chemistry. General studies: SQ.

CHM 331 General Organic Chemistry Lecture I (3)

fall

Chemistry of organic compounds. Prerequisite: CHM 115.

CHM 332 General Organic Chemistry Lecture II (3)

spring

Continuation of CHM 331. Prerequisite: CHM 331.

CHM 335 General Organic Chemistry Laboratory I (1)

fall

Microscale organic chemical experiments in separation techniques, synthesis, analysis and identification, and relative reactivity. 4 hours lab. Fee. Corequisite: CHM 331.

CHM 336 General Organic Chemistry Laboratory II (1)

spring

Continuation of CHM 335. 4 hours lab. Fee. Prerequisite: CHM 335. Corequisite: CHM 332.

Dance History

DAH 300 Introduction to Dance (3)

selected semesters

Orientation to the field of dance, focusing on history, styles, cultural and theatrical aspects of the art form. May not be taken for credit by student who has completed DAH 100. General studies: HU, H.

DAH 301 Philosophy and Criticism of Dance (3)

selected semesters

Philosophical issues in dance and dance criticism, with emphasis on written analysis and interpretation. Prerequisite: ENG 101 (or 105). General studies: L/HU.

English

ENG Note: Completion of the First-Year Composition requirement (ENG 101 and 102 or ENG 105 or ENG 107 and 108 [available at Tempe campus] with a grade of "C" (2.00) or higher) is a prerequisite for all English courses above the 100 level.

ENG 101 First-Year Composition (3)

fall, spring, summer

Discovering, organizing, and developing ideas in relation to the writer's purpose, subject, and audience. Emphasis on modes of written discourse and effective use of rhetorical principles.

ENG 102 First-Year Composition (3)

fall, spring, summer

Critical reading and writing; emphasis on strategies of academic discourse. Research paper required. Prerequisite: a grade of "C" (2.00) or higher in ENG 101.

ENG 105 Advanced First-Year Composition (3)

selected semesters

A concentrated composition course for students with superior writing skills; intensive reading; research papers; logical and rhetorical effectiveness. Not open to students with credit in First-Year Composition.

ENG 200 Critical Reading and Writing About Literature (3)

selected semesters

Introduction to the terminology, methods, and objectives of the study of literature, with practice in interpretation and evaluation. Prerequisite: English major or minor; See ENG note. General studies: L/HU.

ENG 210 Introduction to Creative Writing (3)

selected semesters

Beginning writing of poetry, fiction, and drama (both stage and screen). Separate sections for each genre. Each genre may be taken once. Prerequisite: See ENG note.

ENG 213 Introduction to the Study of Language (3)

selected semesters

Language as code; phonetics, phonology, morphology, and syntax; the lexicon; language acquisition; sociolinguistics. Prerequisite: See ENG note.

ENG 219 Newspaper Production (3)

selected semesters

Students will work on campus newspaper to learn basics of news and column writing, digital photography and layout. Cross-listed as AMS 219. Prerequisite: See ENG note. General studies: L.

ENG 221 Survey of English Literature (3)

fall, spring, summer

Medieval, Renaissance, and 18th-century literature. Emphasis on major writers and their works in their literary and historical contexts. Prerequisite: See ENG note. General studies: HU, H.

ENG 222 Survey of English Literature (3)

fall, spring, summer

Romantic, Victorian, and 20th-century literature. Emphasis on major writers and their works in their literary and historical contexts. Prerequisite: See ENG note. General studies: HU, H.

ENG 241 American Literature (3)

fall, spring, summer

From colonial times to the Civil War, including the growth of nationalism and romanticism. Prerequisite: See ENG note. General studies: HU.

ENG 242 American Literature (3)

fall, spring, summer

From the Civil War to the present. Development of realism, naturalism, and modernism, and contemporary trends in prose and poetry. Prerequisite: See ENG note. General studies: HU.

ENG 301 Writing for the Professions (3)

fall, spring, summer

Advanced practice in writing and editing expository prose. Primarily for preprofessional majors. Prerequisite: See ENG note. General studies: L.

ENG 305 Classical and Biblical Backgrounds to Literature (3)

selected semesters

Selected readings from the Bible and Greek and Latin literature in translation, emphasizing ideas, forms, and myths related to the development of English literature. Prerequisite: See ENG note. General studies: HU.

ENG 311 Persuasive Writing (3)

fall, spring, summer

An advanced writing course that focuses on persuasive writing for diverse audiences. Prerequisite: See ENG note. General studies: L.

ENG 316 Writing and Arguing Politics (3)

selected semesters

A course in logical argumentation and writing, enabling students to analyze and construct arguments. Prerequisite: See ENG note. General studies: L.

ENG 317 Cross-Cultural Writing (3)

fall

The course deals with cultural differences and their impact on writing and/or their role in miscommunication and misinterpretation. Prerequisite: See ENG note. General studies: L/HU, G.

ENG 323 Rhetoric and Grammar (3)

fall, spring, summer

A practical course taught in the computer lab. Emphasizes rhetorical strategies and grammar for writers. Prerequisite: See ENG note. General studies: L.

ENG 337 Major American Novels (3)

selected semesters

Novels from the 19th century to the present studied in their historical and cultural contexts. Cross-listed as AMS 322. Prerequisite: See ENG note. General studies: L/HU.

ENG 352 Short Story (3)

once a year

Development of the short story as a literary form; analysis of its technique from the work of representative authors. Prerequisite: See ENG note. General studies: L/HU.

ENG 353 African American Literature: Beginnings through the Harlem Renaissance (3)

selected semesters

Focus on the history of African-American literature through the Harlem Renaissance, as exemplified in selected slave narratives, poems, and fiction. Prerequisite: See ENG note. General studies: L/HU, C.

ENG 354 African American Literature: Harlem Renaissance to the Present (3)

selected semesters

Examines the literary productions of African-Americans from the Harlem Renaissance (about 1920) to the present focusing on fiction, poetry, drama, and essays. Prerequisite: See ENG note. General studies: L/HU, C.

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G Global awareness courses

H Historical awareness courses

, and / or

ENG 359 American Indian Literature (3)*selected semesters*

Selected oral traditions of American Indians and their influences on contemporary Native American literary works. Prerequisite: See ENG note. General studies: L/HU, C.

ENG 360 Western American Literature (3)*selected semesters*

Critical examination of ideas and traditions of the literature of the western United States. Prerequisite: See ENG note. General studies: L/HU.

ENG 363 Chicano Literature (3)*selected semesters*

Development of Chicano literature; study of genres and themes; attention to literary antecedents. Prerequisite: See ENG note. General studies: HU, C.

ENG 365 History of Film (3)*selected semesters*

Emphasis on American film, with some study of European film. 3 hours lecture, 4 hours of screening. Prerequisite: See ENG note. General studies: HU.

ENG 369 Science Fiction and Fantasy (3)*selected semesters*

Development of science fiction and fantasy literature. May be repeated for credit when topics vary. Prerequisite: See ENG note. General studies: HU.

ENG 386 American Gothic (3)*selected semesters*

The development of modern American Gothic as a literary form from Poe to Oates. Emphasis on the short story. Prerequisite: See ENG note. General studies: L/HU.

ENG 394 Special Topics (3)*selected semesters*

Topics may include writing and American culture. Prerequisite: See ENG note.

ENG 400 History of Literary Criticism (3)*fall, spring*

Major critics and critical traditions in the western world. Prerequisite: 6 hours of literature or instructor approval. Prerequisite: See ENG note. General studies: L/HU, H.

ENG 412 Writing for Publication (3)*fall, spring*

Lectures and conferences concerning techniques of writing for publication. May be repeated for credit when topics vary. Prerequisite: See ENG note.

ENG 415 Medieval Literature (3)*selected semesters*

Medieval English and continental literature in translation, emphasizing cultural and intellectual backgrounds. May be repeated for credit when topics vary. Prerequisite: See ENG note. General studies: HU.

ENG 417 Erotic Writing in the Renaissance (3)*selected semesters*

A course addressing the relation between erotic representation, gender, and sexuality in early modern Europe and England. Prerequisite: See ENG note. General studies: L/HU.

ENG 418 European Renaissance Literature (3)*selected semesters*

Prose, poetry, and drama of Europe and England from 1492-1660 with an emphasis on cultural history. Prerequisite: See ENG note. General studies: L/HU.

ENG 420 Multicultural Autobiographies (3)*fall, spring, summer*

Examination of the human experience via autobiographies and personal narratives. Multicultural, literary, and psychological perspectives on individual lives. Cross-listed as IAS 420. Prerequisite: See ENG note. General studies: L/HU, C.

ENG 424 Milton (3)*selected semesters*

Selected prose and poetry, emphasizing *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*. Prerequisite: ENG 221 or instructor approval. General studies: HU.

ENG 425 Romantic Poetry (3)*selected semesters*

Poetry of Wordsworth, Coleridge, Shelley, Keats, and Byron. May be repeated for credit when topics vary. Prerequisite: See ENG note.

ENG 431 Whitman and Dickinson (3)*selected semesters*

Evaluation of the 19th century "American Literary Renaissance" through the specialized examination of its poetry and authors in their historical context. Prerequisite: See ENG note. General studies: HU.

ENG 432 The American Renaissance (3)*selected semesters*

Novels, poetry, short fiction, and criticism of the major literary figures of the early to mid-nineteenth century. Prerequisite: See ENG note. General studies: HU.

ENG 433 Southern Writers (3)*selected semesters*

An analysis of Southern culture through the eyes of the region's novelists, short story writers, poets, filmmakers, photographers, and song writers. Prerequisite: See ENG note.

ENG 437 The American Novel, 1900 - 1960 (3)*selected semesters*

Developments in theory and practice of major novelists. Prerequisite: See ENG note. General studies: L/HU.

ENG 438 American Novel since 1960 (3)*selected semesters*

Major novelists of the period. Developments in theory and practice. Prerequisite: See ENG note. General studies: L/HU.

ENG 450 The British Novel (3)*selected semesters*

A course focusing on the British novel from the 18th century to the present. Prerequisite: See ENG note. General studies: HU.

ENG 454 Gender and Literature (3)*once a year*

A course focusing on the representation of gender in literature. Prerequisite: See ENG note. General studies: L/HU.

ENG 455 Contemporary Women Writers (3)
once a year
 Critical examination of literature by contemporary women writers. May be repeated for credit when topics vary. Prerequisite: See ENG note. General studies: HU.

ENG 460 Ethnic Women Writers (3)
once a year
 Concentrates on selected women writers of the U.S. who are Native American, black, Hispanic, and Asian-American. Cross-listed as WST 467. Prerequisite: See ENG note. General studies: L/HU, C.

ENG 462 Africana Literature (3)
selected semesters
 Focuses on the literature of the African Diaspora, including texts from the Caribbean, the Americas, and Africa. May be repeated for credit when topics vary. Prerequisite: See ENG note. General studies: HU, G.

ENG 463 African-American Literature (3)
once a year
 Thematic and cultural study of African-American literature. Prerequisite: See ENG note. General studies: HU, C.

ENG 473 Shakespeare (3)
fall, spring
 A selection of comedies, histories, and tragedies. Prerequisite: See ENG note.

ENG 476 Folklore in Everyday Life (3)
selected semesters
 Focuses on the discipline of Folklore, the theories and methods related to the oral, material, and cultural practices of society. Prerequisite: See ENG note. General studies: L/SB/HU, C.

ENG 477 World Literature (3)
spring
 Introduces students to world literature, mostly outside the United States and England. Cross-listed as IAS 477. Prerequisite: See ENG note. General studies: L/HU, G.

ENG 478 Modernist Literature (3)
selected semesters
 Focuses on the international nature of Modernist literature. Authors studied may include Proust, Kafka, Joyce, and Woolf. Prerequisite: See ENG note. General studies: HU.

ENG 479 International Postmodern Literature (3)
selected semesters
 Focuses on the international nature of Postmodernist literature. Authors studied may include Rushdie, Garcia Marquez, and Toni Morrison. Prerequisite: See ENG note. General studies: HU, G.

ENG 494 Special Topics (3)
selected semesters
 Topics may include writing practicum. Prerequisite: See ENG note.

Ethnic Studies

ETH 100 Introduction to Ethnic Studies (3)
fall, spring
 This course undertakes an introductory comparative analysis of ethnic groups to understand cultural diversity within the United States. General studies: SB, C.

ETH 300 Principles of Ethnic Studies (3)
fall, spring
 The objective of this course is to familiarize students with a range of analytical and theoretical frameworks in the field of ethnic studies. General studies: C.

ETH 484 Ethnic Studies Internship (3)
fall, spring, summer
 Seminar with structured practical experience in the field and/or in community organizations.

Family Studies

FAS 301 Introduction to Parenting (3)
summer
 Integrated approach to understanding parenting and parent-child interactions. Prerequisites: ENG 101 (or 105); PGS 101, SOC 101 or equivalent. General studies: SB.

FAS 330 Personal Growth in Human Relationships (3)
fall, spring, summer
 Personal development and behavior as related to competency in interpersonal relationships with the family. Processes of family interaction. Prerequisites: PGS 101, SOC 101 or equivalent. General studies: SB.

FAS 331 Marriage and Family Relationships (3)
fall, spring
 Issues, challenges, and opportunities relating to present day marriage and family living. Factors influencing interrelations within the family. Prerequisite: course in psychology or sociology.

FAS 332 Human Sexuality (3)
selected semesters
 Relationship of sexuality to family life and to major societal issues. Emphasis on developing healthy, positive, responsive ways of integrating sexual and other aspects of human living. Prerequisite: PGS 101.

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 , and
 / or

FAS 431 Adolescence and Family Relationships (3)*fall*

Coverage of functional and dysfunctional family dynamics involving adolescents, siblings, parents, and extended family members. Prerequisite: PGS 101.

Cultural Geography**GCU 352 Political Geography (3)***spring*

Relationship between the socio-physical environment and the state. General studies: SB, G.

GCU 357 Social Geography (3)*selected semesters*

Environmental perception of individuals and groups. The spatial aspect of social and physical environments is stressed. General studies: SB.

GCU 361 Urban Geography (3)*selected semesters*

External spatial relations of cities, internal city structure, and spatial aspects of urban problems in various parts of the world, particularly in the United States. General studies: SB.

GCU 373 Introduction to Geographic Information Science (4)*fall*

Introduction to theoretical and computer based aspects of Geographic Information Systems, involving data analysis and map generation. General studies: SG.

Geology**GLG 110 Geological Disasters and the Environment (3)***spring*

Geological studies as they apply to interactions between humans and earth. Includes geological processes and hazards, resources, and global change. General studies: G, SG (if credit also earned in GLG 111).

GLG 111 Geological Disasters and the Environment Laboratory (1)*spring*

Basic geological processes and concepts. Emphasis on geology-related environmental problems concerning Arizona. Case histories and field studies. Fee. General studies: SG (if credit also earned in GLG 110).

History**HIS 101 Western Civilization (3)***fall*

Traces origin and development of Western societies and institutions from the Renaissance and Reformation through Age of Enlightenment. General studies: SB, H.

HIS 102 Western Civilization (3)*spring*

Traces origin and development of Western societies and institutions from the French Revolution to the present. General studies: SB, G, H.

HIS 103 The United States (3)*fall*

Growth of the Republic from colonial times through the Civil War period. General studies: SB, H.

HIS 104 The United States (3)*spring*

Growth of the Republic from the Civil War period to the present day. General studies: SB, H.

HIS 300 Historical Methods (3)*fall*

An introduction to the methodological and theoretical tools of history as a scholarly discipline for history majors. Prerequisite: ENG 102 (or 105). General studies: L, H.

HIS 301 Writing in History (3)*once a year*

Focuses on methods of writing, reasoning, and arguing in American Studies. Emphasizes the drafting of summaries and short arguments. Cross-listed as AMS 301. Prerequisite: ENG 101 (or 105). General studies: L.

HIS 303 American Cultural History (3)*fall*

Culture in a broad connotation, including ideas, ideals, the arts, and social and economic standards from the nation's colonial background and early national period. Cross-listed as AMS 320. General studies: SB, H.

HIS 304 American Cultural History (3)*spring*

Culture in a broad connotation, including ideas, ideals, the arts, and social and economic standards from the age of industrialism and modern America. Cross-listed as AMS 321. General studies: SB, H.

HIS 305 History of American Systems to 1865 (3)*fall*

Survey of political, legal, and economic institutions, placed in the context of a dynamic industrial society. Cross-listed as AMS 310. Prerequisite: ENG 101 (or 105). General studies: L, C, H.

HIS 306 History of American Systems since 1865 (3)*spring*

Survey of political, legal, and economic institutions, placed in the context of a dynamic industrial society. Cross-listed as AMS 311. Prerequisite: ENG 101 (or 105). General studies: H.

HIS 320 19th Century West (3)*selected semesters*

Social, political, and economic development of trans-Mississippi West beginning with Louisiana Purchase and ending in 1900. General studies: SB, H.

HIS 331 American Indians (3)*fall*

History of the American Indian with emphasis on the government's Indian policy and the impact of the white man on tribal culture.

HIS 340 American Military History (3)*selected semesters*

A study of the role of the military in American life during war and peace from colonial times to the present day. General studies: SB, H.

HIS 355 World History to 1500 (3)

fall

Study of world history to 1500 with emphasis on the connection between regional history and the growth of world civilization. General studies: G, H.

HIS 356 World History since 1500 (3)

spring

Study of world history since 1500 with emphasis on the connection between regional history and the growth of world civilization. General studies: G, H.

HIS 363 Reformation (3)

fall

The Protestant and Catholic Reformations in the 16th century. Prerequisite: ENG 101 (or 105).

HIS 377 Women in Europe, 1700-Present (3)

selected semesters

A historical survey of European women's lives, emphasizing the impact of gender on social, political, economic, and cultural experience. Prerequisite: ENG 102 (or 105). General studies: H.

HIS 378 20th Century Europe at War, 1900-1945 (3)

fall

A survey of the history of the World Wars in Europe, emphasizing the relationship between military developments, culture, and society. General studies: H.

HIS 394 Special Topics in History (3)

fall, spring

A full description of topics for any semester is available in the American Studies office. May be repeated for credit.

HIS 406 Civil War and Reconstruction (3)

spring

Causes and development of the war; political, constitutional, and social issues of Reconstruction and their effects on postwar America. Prerequisite: ENG 101 (or 105). General studies: L/SB, H.

HIS 411 Contemporary America (3)

fall

The United States from 1945 to the present. Prerequisite: ENG 101 (or 105). General studies: L/SB, H.

HIS 419 Topics in American Historical Periods (3)

spring

Courses under this title focus on specific periods in American history. May be repeated for credit when topics vary.

HIS 423 Mexico (3)

selected semesters

Political, economic, social, and cultural developments from 1810 to the present. General studies: SB, H.

HIS 424 The Hispanic Southwest (3)

fall

Development of the Southwest in the Spanish and Mexican periods to 1848. General studies: SB.

HIS 429 Topics in American Regional History (3)

fall

Courses under this title focus on the history of specific geographic regions within North America. May be repeated for credit when topics vary.

HIS 430 20th Century Chicano/a History (3)

selected semesters

Historical development of the Chicano community in the 20th century.

HIS 431 Social History of American Women (3)

fall

Examination of women's social position in America. In-depth analysis of specific women's issues in terms of change over time. Prerequisite: ENG 101 (or 105). General studies: L/SB, H.

HIS 439 Topics in American Race, Class, Gender, and Ethnicity (3)

fall, spring

Courses under this title emphasize the use of race, class, gender, and/or ethnicity as categories of historical analysis.

HIS 443 Constitutional History of the United States (3)

spring

Origin and development of the American constitutional system, from Reconstruction to the present.

Prerequisite: HIS 104 or instructor approval. General studies: SB, H.

HIS 444 American Urban History (3)

spring

The history of the city in American life from the 19th century to the present. General studies: SB, H.

HIS 449 Topics in American Themes and Issues (3)

fall

Courses under this title focus on significant themes and issues in American history. May be repeated for credit when topics vary.

HIS 450 Topics in Comparative History (3)

selected semesters

Comparative history with reference to one or more themes. May be repeated for credit when topics vary.

HIS 454 History of Genocide (3)

spring

Course examines the individuals and institutions responsible for the most infamous episodes of state-sanctioned violence in the 20th Century. General studies: G, H.

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HIS 462 The African Diaspora (3)*spring*

Enforced dispersal of Africans during the Slave Trade emphasizing its causes, effects on Africa and the enslaved in the Americas. General studies: H.

HIS 465 Origins of Racism (3)*spring*

A study of the history of racial discrimination with emphasis on the connection between race, ideology and the global economy. General studies: H.

HIS 467 Topics in European Historical Periods (3)*selected semesters*

Courses under this title focus on specific periods in European history. May be repeated for credit when topics vary.

HIS 469 Modern Germany (3)*spring*

Germany since 1840. General studies: SB, G, H.

HIS 475 Topics in European Regional/National History (3)*selected semesters*

Courses under this title focus on the history of specific geographic regions or nations in Europe. May be repeated for credit when topics vary.

HIS 482 Topics in European Gender, Ethnicity, and Class (3)*selected semesters*

Courses under this title emphasize the use of gender, ethnicity and/or class as categories of historical analysis. May be repeated for credit when topics vary.

HIS 487 Topics in European Themes and Issues (3)*fall*

Courses under this title focus on significant themes and issues in European history. May be repeated for credit when topics vary.

HIS 498 History Pro-Seminar (3)*fall, spring*

Required course for majors on topic selected by instructor; introduction to historical research and writing; writing intensive course related to the development of research skills and writing tools used by historians. Prerequisite: ENG 101 (or 105); HIS 300 with a minimum grade of "C" (2.00). General studies: L.

Integrative Studies**IAS 220 Psychology, Multicultural Narratives, and Religion (3)***fall*

Examines contemporary multicultural life narratives that explore diversity in America and the authors' constructions of psychological identity and religious values. Prerequisite: ENG 101 (or 105). General studies: L/HU, C.

IAS 300 Adult Career Development (3)*fall, spring, summer*

Analysis of sociological and economic factors of 21st century work environments, integrated with a psychological understanding of adult development. Prerequisite: ENG 101 (or 105). General studies: L/SB.

IAS 305 Work and Identity (3)*spring*

This course explores the relationship between work and identity, as well as the search for meaning in work across generations. General studies: SB.

IAS 310 Women in Art (3)*fall*

Cultural, historical, and social issues relating to the seeming scarcity of women artists and changing social contexts for women artists. Cross-listed as IAP 310. Prerequisite: ENG 101 (or 105). General studies: HU.

IAS 340 Bioethics (3)*selected semesters*

A philosophical exploration of ethical issues in health care delivery and the life sciences. Cross-listed as PHI 340. General studies: HU.

IAS 406 Moral Dilemmas (3)*fall, spring*

Philosophical analysis of moral dilemmas arising in professional and public settings. Ethical decision making in business, educational, human service, and scientific communities. Cross-listed as PHI 406. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAS 407 Environmental Philosophy and Policy (3)*once a year*

Ethical concepts and theories applied to environmental issues: biotic community, biodiversity, ecofeminism, ecology, economics, population, property rights, and wilderness. Not open to students with credit in PHI 310 (available at Tempe campus). Cross-listed as PHI 407. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAS 408 Feminist Ethics (3)*selected semesters*

A philosophical exploration of the theoretical and practical aspects of ethical issues affecting women from diverse feminist viewpoints. Cross-listed as PHI 408. General studies: HU.

IAS 410 Evolution of Ideas (3)*once a year*

Investigates ideas (paradigms) and revolutions (paradigm shifts). Examines several topics from perspectives of science, arts, humanities, social sciences. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAS 411 History and Philosophy of Mathematics (3)*once a year*

Examines nature of mathematics from origins to present, revealed by its history and philosophy. Strong background in mathematics not required. Cross-listed as HPS 411, MAT 411. General studies: HU, H.

IAS 415 Life in the Universe (3)*fall*

Examination of the search for life in extreme environments on Earth and in remote locations beyond Earth.

IAS 416 Black Holes and Beyond (3)*spring*

Explores developments in understanding nature's most basic force – gravity – from Aristotelian concepts to modern theories of curved space-time.

IAS 420 Multicultural Autobiographies (3)
fall, spring
 Examination of the human experience via auto-biographies and personal narratives. Multicultural, literary, and psychological perspectives on individual lives. Cross-listed as ENG 420. Prerequisite: ENG 101 (or 105). General studies: L/HU, C.

IAS 430 Science and Religion (3)
fall, spring
 Examination of evolving relationships between scientific thought and Western and Eastern religious thought. Cosmologies, worldviews, and epistemologies explored. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAS 477 World Literature (3)
spring
 Introduces students to world literature, mostly outside the United States and England. Cross-listed as ENG 477. Prerequisite: ENG 101 (or 105). General studies: L/HU, G.

IAS 484 Internship (1-12)
fall, spring, summer
 Structured practical experience supervised in the field by practitioners with parallel, on-campus seminar held with program faculty.

IAS 499 Individual Research or Creative Project (1-3)
fall, spring
 Application of interdisciplinary methods of inquiry to a problem identified by student and supervised by faculty.

Interdisciplinary Arts and Performance

IAP 101 Art, Artist, and Culture (3)
fall, spring
 Provides students with an approach to art, creativity, and culture in global, historical, and contemporary contexts. General studies: HU.

IAP 300 Introduction to Interdisciplinary Arts (3)
fall
 Interdisciplinarity considered in practical terms in all art forms. Antecedents and cross-cultural issues will also be considered. General studies: HU.

IAP 301 Energetic Systems of Art: Collaboration in the Arts (3)
selected semesters
 Identification and exploration of the energetic systems at work in the creation, performance, and perception of art.

IAP 302 Cross-Cultural Perspectives on the Arts (3)
selected semesters
 Social and cultural perspectives of art and performance through a survey of historical and contemporary attitudes. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAP 303 Artists and the Contemporary American Experience (3)
selected semesters
 Exploration into the life of the contemporary American artist with respect to individuality, pluralism, gender, race, and ethnicity, regionalism, etc.

IAP 304 The Avant-Garde to WW II (3)
selected semesters
 Survey of movements and trends from late 19th century to World War II, including symbolism, surrealism, the Bauhaus, atonality, etc. General studies: HU.

IAP 305 The Avant-Garde and Experimental Arts, WW II to Present (3)
spring
 Survey of movements and trends from World War II to the present, including abstract expressionism, new music, minimalism, etc. General studies: L/HU.

IAP 306 Extended Traditions in Drawing (3)
fall in even years
 Exploring alternative methods of rendering the drawn image. Emphasis on incorporating other art forms to inform students' individual work. Fee.

IAP 310 Women in Art (3)
fall
 Cultural, historical, and social issues relating to the seeming scarcity of women artists and changing social contexts for women artists. Cross-listed as IAS 310. Prerequisite: ENG 101 (or 105). General studies: HU.

IAP 321 Music Composition I (3)
fall in even years
 Study and implementation of specific compositional theories and procedures. May be repeated for credit as topics vary. Fee.

IAP 322 Multitrack Digital Recording (3)
spring in odd years
 Introduces students to theory and practice of Musical Instrument Digital Interface (MIDI) technology.

IAP 323 Music and the Visual Arts (3)
spring in odd years
 Histories and theories of music and visual arts with particular attention paid to convergences within 20th century avant-garde traditions. Fee.

IAP 324 The Voice and Performance (3)
selected semesters
 This course will involve all aspects of the human voice, including research, creation, and performance.

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**IAP 325 Sound Performance:
Exploring Alternative Performance Groups (3)**

spring
Utilizes innovative sound ensembles to explore all aspects of sound and its place in various art forms. Fee.

IAP 331 Performance, Acting, and the Individual (3)

fall
Designed to explore the concepts of the “self,” the “subject,” and the “author” as each pertain to the solo artist.

**IAP 332 Technical Production
for Interdisciplinary Arts (3)**

selected semesters
Development of basic technical knowledge and application of fundamental stagecraft techniques used in the creation and presentation of performance works. Fee.

IAP 333 Directing for Performance (3)

fall
This course is designed to explore various strategies for performance. Emphasis will be on non-traditional staging and performance.

IAP 334 Conceptual Development in the Arts (3)

fall
Course teaches conceptual development processes in the arts from initial idea to formal project proposals, grants, and production plans. Fee.

IAP 335 Vocalization and Movement (3)

spring
Study, application, and coordination of vocal projection techniques with bodily movement competencies in presenting original and existing contemporary performance works.

IAP 347 Movement in Education (3)

selected semesters
Theory and practice of teaching dance and creative movement in schools, K-12. Open to all students.

IAP 351 Concept, Image, and Text (3)

selected semesters
This course will engage the student in the generation of images and metaphors using various media and visual stimuli. Fee.

IAP 352 Seeing and Drawing (3)

fall, spring
Developing drawing and seeing skills that are important not only to visual arts but also to music, dance, and theatre. Studio: 6 hours per week. Fee.

IAP 353 Contemporary Figure Drawing I (3)

selected semesters
A look at life through drawing of the human figure. Concerns: composition, anatomy. Useful in other art forms. Studio: 6 hours per week. Fee. Prerequisite: ART 314 or IAP 352 or ART 311 (available at Tempe campus) or instructor approval.

IAP 354 Visual Representation (3)

fall
Exploring materials, processes, and aesthetic concepts of art making through various media with readings on cultural perspectives and contemporary theory. Lecture and studio. Fee.

IAP 355 Illusion and Vision (3)

spring in odd years
Inquiry into 2D surfaces for visual representation and personal expression including readings on color theory, visual perception, and historical/cultural patterns. Lecture and studio. Fee.

IAP 356 Spatial Impressions (3)

spring in even years
Investigating 3D forms, the processes and concepts of physicality, and the environment with readings on spatial perception and cultural objects. Lecture and studio. Fee.

IAP 361 Digital Editing and Media Literacy (3)

fall, spring
An investigation of the approaches used in digital editing with a focus on interactivity, graphics, audio, and desktop video. Fee. General studies: CS.

IAP 363 Sound, Image, and Media (3)

fall in odd years
Interdisciplinary arts projects for experimental approaches to relating sound and visual image, accompanied by survey of historical and contemporary material. Fee.

IAP 364 Documentaries (3)

fall in even years
Media arts projects exploring new and experimental forms of visualization based upon an interdisciplinary survey of historical and contemporary examples. Fee. Recommended: IAP 361.

IAP 365 Digital Interactivity (3)

fall
Course combines graphics, video, and animation with the digital authoring tools for creations of interactive multimedia websites. Fee. Prerequisite: IAP 361.

IAP 368 Digital Graphic Technologies (3)

fall
Technology used in contemporary graphic design will be employed to design concepts and techniques for modeling and representation applications. Lecture; lab. Fee. Prerequisite: ACO 201 or instructor approval.

IAP 371 Verbal Art (3)

fall in even years
Course examines varieties of verbal art in: everyday life, literature, oral and literate cultures. Considers diverse cultural forms and values. Prerequisite: ENG 101 (or 105). General studies: L/HU.

IAP 373 The Critical Artist (3)

selected semesters
This course will focus on artists' critical thought, theorizing, and representation of art across disciplines and genres.

**IAP 421 Composition: Process, Technique,
and Style II (3)**

selected semesters
Advanced study of specific compositional theories and procedures; in-depth analysis of individual work. Repeatable for credit as topics vary. Fee. Prerequisite: IAP 321.

IAP 422 Contemporary Orchestration Practices (3)

fall in odd years

Traditional and experimental scoring techniques for small and large ensembles using MIDI technology, digital samplers, and traditional instruments. Fee.

IAP 431 Perspectives on Performance and Acting (3)

spring

This course focuses on the interaction of the performer with media, alternative stagings, and collaboration with other performers.

IAP 433 Directing Workshop (3)

fall

Application of experimental directorial techniques to presentations and deconstruction of classical works including European and cross-cultural traditions. Prerequisite: IAP 333.

IAP 434 Production Laboratory (3)

spring

Develop original scripts into showcase productions. Students function as theatrical ensemble, participate in all phases of performance and production values. Fee.

IAP 441 Movement for Performance (3)

spring

This course explores the relationship of movement as it relates to performance, both historically and cross-culturally.

IAP 442 Movement and Music (3)

spring

This course surveys ways artists have brought together movement and music in artistic creations in various disciplinary and interdisciplinary contexts.

IAP 452 Elements of Painting (3)

selected semesters

Will develop painting skills and also develop personal artistic vision through projects that will be stimulated by other art forms. Studio: 6 hours per week. Prerequisite: ART 323 or IAP 352 or ART 311 (available at Tempe campus) or instructor approval. Fee.

IAP 453 Contemporary Figurative Painting (3)

selected semesters

Painting the human form from observation; will perfect painting skills; stimulate an interdisciplinary awareness through exposure of other art forms. Studio: 6 hours per week. Fee. Prerequisite: IAP 353 or instructor approval.

IAP 454 New Directions in Painting (3)

selected semesters

Will develop painting skills and personal artistic vision, through projects that will be stimulated by other art forms. Studio: 6 hours per week. Fee. Prerequisite: IAP 452 or instructor approval.

IAP 457 Urban Narrative (3)

fall in odd years

Conceptually based studio focusing on artists' voices in contemporary urban environment with readings on spatial perception and cultural objects. Lecture and studio. Fee. Prerequisite: instructor approval.

IAP 464 Media and Diversity (3)

spring in odd years

Interdisciplinary art projects exploring identity, perception and technologies from a basis of class, race, ethnicity, gender, sexuality, and ecology.

IAP 465 Media Technologies and the Arts (3)

fall in odd years

Practical explorations of media arts interrelated with cultures, society, and technology, addressed through readings, discussion, research and student arts projects.

IAP 466 Digital Interactivity, Advanced (3)

spring

Course teaches advanced multimedia authoring skills for creation of interactive works in DVD, CD ROM and other media formats. Fee. Prerequisite: IAP 365 or instructor approval.

IAP 467 Acoustic Ecology (3)

spring in even years

Investigations into the relationship between Audio Art & Ecology, covering field recording, oral histories, digital editing and designing audio website/databases. Fee. Prerequisites: IAP 361; admission is also by consent of instructor for students in Life Sciences and Communication Studies.

IAP 468 Digital Graphic Applications (3)

spring

Targeting, planning, design, authoring, development, and presentation of professional digital media graphics for internet and print. Fee. Prerequisites: IAP 368.

IAP 471 Language, Culture, and Performance (3)

selected semesters

This course offers an in-depth examination of language in myth, poetry, social and aesthetic performance genres. Prerequisites: ENG 101 (or 105); IAP 371 or instructor approval. General studies: L/HU.

IAP 472 20th Century Theories of Arts and Performance (3)

spring in even years

This course will orient students toward key texts, thinkers, concepts, and approaches to the arts and performance. Prerequisites: ENG 101 (or 105); IAP 372 or 375.

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IAP 473 Aesthetic Research (3)*fall in odd years*

This course investigates how artists, in all disciplines and from different historical periods, conduct or participate in research. Prerequisites: ENG 101 (or 105); IAP 373. General studies: L/HU.

IAP 474 Art and Film (3)*once a year*

This course focuses on film as an art form in relation to the arts through aesthetics, cinematic theory, period study. Prerequisite: ENG 101 (or ENG 105). General studies: L/HU.

IAP 480 Senior Project (3-6)*fall, spring*

Capstone Course. Students develop an exit project for the IAP degree under the guidance of an advisor. Fee. Prerequisites: IAP major, senior standing, or advisor approval.

Life Sciences**LSC 264 The Biology of Humans (3)***selected semesters*

Human anatomy, physiology, and behavior are analyzed in an ecological and evolutionary context with the methods of comparative biology.

LSC 300 Modes of Biological Thought (3)*selected semesters*

Lecture course involving students in the process of biological discovery to examine how we identify truth in biological science. Prerequisites: ENG 101 (or 105); BIO 188. General studies: L.

LSC 301 Life Sciences: History and Method (4)*selected semesters*

Lecture/laboratory integrating philosophy, history, and methods of the life sciences and includes issue of underrepresentation of minorities in science. Prerequisite: Instructor approval. General studies: SG.

LSC 307 Comparative Plant Diversity (4)*selected semesters*

Systematic and evolutionary survey of the plant kingdom, emphasizing diversity of gross and cellular structure, reproduction, life cycles, and habitat. 3 hours lecture, 3 hours lab. Fee. Prerequisites: ENG 101 (or 105); BIO 100 or 187 or equivalent.

LSC 308 Plant Physiology (4)*fall*

Concepts of plant function: carbon metabolism, energy acquisition, regulation of growth and development, stress responses, and water and nutrient uptake. 3 hours lecture, 3 hours lab. Fee. Prerequisite: LSC 353.

LSC 309 Flora of Arizona (4)*spring*

Principles of taxonomy; identification of Arizona plants. 2 hours lecture, 6 hours lab. Fee. Prerequisites: BIO 187, 188.

LSC 310 Natural History of Arizona (3)*fall, spring*

Plant and animal communities of Arizona. Cannot be used for major credit in the biological sciences. General studies: SG (if credit also earned in LSC 311).

LSC 311 Field Natural History (1)*fall, spring*

Organisms and their natural environment. Weekly field trips, field project. Cannot be used for major credit in the biological sciences. Fee. Pre or corequisite: LSC 310. General studies: SG (if credit also earned in LSC 310).

LSC 320 Fundamentals of Ecology (3)*spring*

Organization, functioning, and development of ecological systems; energy flow; biogeochemical cycling; environmental relations; population dynamics. Prerequisite: BIO 187, 188; CHM 113, 115; or instructor approval.

LSC 322 Fundamentals of Ecology Laboratory (1)*spring*

Investigational field course on fundamental concepts in ecology. 3 hours lab. Fee. Prerequisites: BIO 187, 188; CHM 113, 115. Corequisite: LSC 320.

LSC 330 Pollution vs. Protection:**Counting the Cost (3)***spring*

A comparison of the economic costs and global consequences of permitting versus preventing pollution. General studies: G.

LSC 342 Hormones and Behavior (3)*selected semesters*

An examination of the short-term and long-term effects of hormones on the behavior of animals, including humans. Prerequisite: BIO 187, 188.

LSC 345 Organic Evolution (3)*fall, spring*

Processes of adaptive change and speciation in sexual populations. Prerequisite: BIO 187, 188.

LSC 347 Fundamentals of Genetics (3)*fall, spring*

Study of genetics, gene flow, and genetic engineering in humans and other organisms. Prerequisites: BIO 187, 188; CHM 113, 115.

LSC 348 Fundamentals of Genetics Laboratory (1)*fall, spring*

Investigational laboratory that uses modern molecular techniques to analyze various genetic phenomena. 3 hours lab. Fee. Corequisite: LSC 347.

LSC 350 Premedical Professional Seminar (3)*fall, spring*

An opportunity for students who anticipate a career in any area of medicine to explore the realities of the field. Prerequisites: LSC 353, 347; instructor approval.

LSC 351 Developmental Anatomy (3)*selected semesters*

General developmental biology (embryology) and comparative structure of organ systems, illustrated mainly by vertebrate examples. Prerequisite: BIO 187, 188.

W LSC 353 Cell Biology (3)*fall, spring*

Survey of major topics in cell biology, including structural, biochemical, and molecular aspects of cell function. Prerequisite: BIO 187, 188; CHM 113, 115.

LSC 355 Cell Biology Laboratory (1)

fall, spring

Investigational lab using modern molecular and cellular techniques to analyze molecular, biochemical, and anatomical traits of cells. 3 hours lab. Fee. Corequisite: LSC 353.

LSC 358 Animal Physiology Lecture (3)

fall, spring

Physiological mechanisms of the higher vertebrates. Prerequisites: BIO 187, 188; CHM 113, 115; MAT 117.

LSC 359 Animal Physiology Laboratory (1)

fall, spring

Investigative laboratory experience using animals (including humans) and models. 3 hours lab. Fee. Prerequisites: BIO 187, 188; CHM 113, 115; MAT 117. Corequisite: LSC 358.

LSC 360 The Biology of Human Experience (3)

selected semesters

An introduction to the evolutionary origins and characteristics of humans as they are reflected in morphology, physiology, ecology, and behavior. Prerequisite: BIO 187, 188.

LSC 361 Human Sexual Biology (3)

selected semesters

Human sexuality from a biological and integrative perspective, including comparisons to other vertebrates and examination of social, behavioral, and physiological factors. Cannot be used for major credit in the biological sciences.

LSC 362 The Human Environment (3)

selected semesters

Evolution of humans' physiological, ecological, and behavioral interaction with their environment.

LSC 363 Genes, Race, Gender, and Society (3)

selected semesters

Examines biological events and theories on race and gender and their interface with societal views. Prerequisite: BIO 187, 188.

LSC 365 The Human Organism (4)

fall

Human anatomy, physiology, and behavior are analyzed in an ecological and evolutionary context with the methods of comparative biology. 3 hours lecture; 3 hours lab. Fee. General studies: SG.

LSC 366 Principles of Biochemistry (3)

fall, spring

Structures, properties, and functions of proteins, enzymes, nucleic acids, carbohydrates, and lipids; the utilization and synthesis of these materials by living systems, and the relationship of these processes to energy production and utilization. Prerequisite: LSC 353; CHM 331, 332, 335, 336.

LSC 367 Elementary Biochemistry Laboratory (1)

fall, spring

Quantitative analysis of constituents of biological systems, enzyme assays, protein purification, and metabolic studies. 3 hours lab. Fee. Corequisite: LSC 366.

LSC 370 Vertebrate Zoology (4)

spring

Characteristics, classification, evolution, and natural history of the major groups of vertebrate animals. 3 hours lecture, 3 hours lab. Fee. Prerequisite: BIO 187, 188.

LSC 380 Medical Parasitology (3)

selected semesters

Parasitic diseases of humans, including life cycle events, clinical manifestations. Prerequisite: LSC 353 or 385.

LSC 385 Invertebrate Zoology (4)

selected semesters

Characteristics, life cycles, adaptations, and evolution of invertebrate animals. 3 hours lecture, 3 hours lab. Fee. Prerequisite: BIO 187, 188.

LSC 386 General Entomology (4)

selected semesters

Form, activities, and classification of insects. 3 hours lecture, 3 hours lab. Fee. Prerequisite: BIO 188.

LSC 408 Population Biology (3)

spring

Theoretical and applied aspects of distribution and abundance, population regulation, genetic flow, and interactions between populations, including humans. Prerequisite: LSC 320.

LSC 410 Techniques in Wildlife Conservation Biology (3)

selected semesters

Field and analytical techniques used in evaluating population structure, viability and environmental impacts. Lecture, lab. Prerequisites: ENG 101 (or 105); BIO 187, 188; and LSC 320, 322 recommended. General studies: L.

LSC 415 Biometry (4)

fall

Statistical methods applied to biological problems, design of experiments, estimation, significance, analysis of variance, regression, correlation, chi square, and bioassay; the use of computers. 3 hours lecture, 3 hours lab. Prerequisite: MAT 210 or equivalent. General studies: CS.

LSC 422 Introductory Immunology (3)

selected semesters

Fundamental concepts in research and medicine. Cellular immunity, antibody, antigen, immunogenetics, immunoregulation, hypersensitivity, clinical immunology, nervous-immune system interactions. Prerequisites: CHM 231 (or 331); LSC 353.

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LSC 425 Medical Epidemiology (3)*selected semesters*

The origin, spread, control of contagious disease including zoonoses. Prerequisite: upper division biology course, instructor approval.

LSC 430 Environmental and Human Toxicology (4)*selected semesters*

Lecture/fieldwork course investigating toxic substances in the environment and their effect on the health of organisms, including humans. Prerequisite: BIO 187, 188; CHM 113, 115; or equivalent.

LSC 432 Basic Pharmacology (3)*selected semesters*

Aspects of pharmacology using an integrated approach to familiarize students with natural and synthetic therapeutic agents used in medicine. Prerequisite: LSC 353 or LSC 358/359.

LSC 434 Marine Ecology (3)*selected semesters*

An examination of ecological processes in oceans, seas, and estuaries that emphasizes species- and community-level phenomena. Prerequisite: LSC 320.

LSC 443 Molecular Genetics (3)*selected semesters*

Nature and function of the gene; emphasis on the molecular basis of inheritance and gene expression in prokaryotes and eukaryotes. Prerequisites: LSC 347; CHM 231, 235 or CHM 331, 335 or equivalent.

LSC 444 Fundamentals of Microbiology (3)*fall*

An overview of microorganisms; their anatomy, physiology, genetics, metabolic diversity, and ecological significance. Not open to students who have credit for MIC 205 (ASU's Tempe campus). Prerequisite: LSC 353.

LSC 445 Fundamentals of Microbiology Laboratory (1)*fall*

Principles and laboratory techniques used in culturing, identifying, and analyzing microorganisms. 3 hours lab. Not open to students who have credit for MIC 206 (ASU's Tempe campus). Fee. Corequisite: LSC 444.

LSC 447 Molecular Genetics Laboratory (1)*selected semesters*

Investigative laboratory involving DNA isolation, PCR, gel electrophoresis, enzyme digestion and ligation, transformation, and hybridization analysis. 3 hours lab. Fee. Pre or corequisite: LSC 443.

LSC 450 Premedical Externship (3)*fall, spring*

This course provides hands-on experience in a hospital setting for premedical students. Prerequisite: BIO 187, 188. Pre or corequisite: LSC 350 and instructor approval.

LSC 453 Animal Histology (4)*selected semesters*

Microscopic study of animal tissues. 3 hours lecture, 3 hours lab. Fee. Prerequisites: BIO 187, 188; LSC 353.

LSC 471 Ornithology (3)*selected semesters*

The biology of birds. 2 hours lecture, 3 hours lab, weekend field trips. Fee. Prerequisite: LSC 370 or instructor approval.

LSC 473 Ichthyology (3)*selected semesters*

Systematics and biology of recent and extinct fishes. 2 hours lecture, 3 hours lab or field trip, weekend field trips required. Fee. Prerequisites: ENG 101 (or 105); LSC 370 or instructor approval. General studies: L.

LSC 474 Herpetology (3)*selected semesters*

Systematics and biology of recent and extinct reptiles and amphibians. 2 hours lecture, 3 hours lab or field trip. Fee. Prerequisite: LSC 370 or instructor approval.

LSC 482 Methods of Teaching Biology (3)*fall*

Methods of instruction, experimentation, organization, and presentation of appropriate content in biology. Fee. Prerequisite: 20 hours in the biological sciences.

LSC 484 Internship (1-6)*fall, spring, summer*

Opportunities for students to pursue interests they develop in coursework. Especially appropriate for applied aspects of science. Prerequisite: department chair approval.

LSC 489 Capstone Course in Integrated Natural Sciences (1)*selected semesters*

A course that integrates the core curriculum, and which makes connections between the science and careers/graduate school. Prerequisite: at least 28 semester hours in the major.

LSC 499 Individualized Instruction (1-3)*fall, spring, summer*

Master of Arts in Interdisciplinary Studies

MAS 500 Perspectives in Interdisciplinary Studies (3)*fall*

Introduction to interdisciplinarity through explorations of epistemological and rhetorical practices that bridge traditional disciplines.

MAS 501 Models of Inquiry for Contemporary Issues (3)*fall, spring, summer*

This course provides students with a critical survey of current models of inquiry, tools, processes, and methods in different fields.

MAS 505 20th Century Thought: Concepts of Change, Culture and Mind (3)*fall, spring, summer*

This course introduces students to graduate-level interdisciplinary study of key thinkers, movements, theories and paradigms in 20th century thought.

MAS 510 Science and Religion: Cosmologies and Worldviews (3)

once a year

This course will examine science and religion, stressing modern scientific findings and philosophical/ historical debates and dialogues.

MAS 511 Technology, Environment and Humanity (3)

once a year

This course will critically analyze technology in relation to human and environmental issues.

MAS 512 History and Philosophy of the Social Sciences (3)

once a year

Examines the development, historical context, and long-term importance of major theories of human nature from the 17th century until today.

MAS 513 Sociology of Everyday Life (3)

once a year

Examination of institutional ethnography, a way of exploring the particular and generalized social relations that shape people's everyday experiences. Prerequisite: graduate standing or instructor approval.

MAS 553 Latin American Cities (3)

once a year

An interdisciplinary study of Latin American world cities (Mexico City, Santiago, etc.) emphasizing integration with U.S. cities, including Los Angeles and Phoenix.

MAS 585 Capstone Course (3)

fall, spring, summer

This course is designed to assist students in preparing their Capstone Project, which represents the culmination of their study for the MA in Interdisciplinary Studies.

Mathematics

MAT 106 Intermediate Algebra (3)

fall, spring

Topics from basic algebra such as linear equations, polynomials, factoring, exponents, roots, and radicals. Prerequisite: 1 year of high school algebra.

MAT 117 College Algebra (3)

fall, spring

Linear and quadratic functions, systems of linear equations, logarithmic and exponential functions, sequences, series, and combinatorics. Prerequisite: MAT 106 or 2 years of high school algebra.

MAT 119 Finite Mathematics (3)

fall, spring

Topics from linear algebra, linear programming, combinatorics, probability, and mathematics of finance. Prerequisite: MAT 117 or equivalent. General studies: MA.

MAT 142 College Mathematics (3)

fall, spring

Applications of basic college-level mathematics to real-life problems. Appropriate for students whose major does not require MAT 117 or 170. Prerequisite: MAT 106 or 2 years of high school algebra. General studies: MA.

MAT 170 Precalculus (3)

fall, spring

Intensive preparation for calculus (MAT 270). Topics include functions (including trigonometric), matrices, polar coordinates, vectors, complex numbers, and mathematical induction. Prerequisite with a grade of "B" (3.00) or higher: MAT 106. Prerequisite with a grade of "C" (2.00) or higher: MAT 117 or two years of high school algebra. General studies: MA.

MAT 210 Brief Calculus (3)

fall, spring

Differential and integral calculus of elementary functions with applications. Not open to students with credit in MAT 270 or MAT 260 or 290 (available at Tempe campus). Prerequisite: MAT 117 or equivalent. General studies: MA.

MAT 243 Discrete Mathematical Structures (3)

fall

Logic, sets, functions, elementary number theory and combinatorics, recursive algorithms, and mathematical reasoning, including induction. Emphasizes connections to computer science. Prerequisite: 1 semester of calculus or computer programming.

MAT 270 Calculus with Analytic Geometry I (4)

selected semesters

Real numbers, limits and continuity, and differential and integral calculus of functions of 1 variable. Not open to students with credit in MAT 290 (available at Tempe campus). Prerequisite with a grade of "C" (2.00) or higher: MAT 170 or satisfactory score on placement examination. General studies: MA.

MAT 271 Calculus with Analytic Geometry II (4)

selected semesters

Methods of integration, applications of calculus, elements of analytic geometry, improper integrals, sequences, and series. Not open to students with credit in MAT 291 (available at Tempe campus). Prerequisite with a grade of "C" (2.00) or higher: MAT 270 or equivalent. General studies: MA.

MAT 272 Calculus with Analytic Geometry III (4)

selected semesters

Vector-valued functions of several variables, multiple integration, and introduction to vector analysis. Prerequisite with a grade of "C" (2.00) or higher: MAT 271 or equivalent. General studies: MA.

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MAT 300 Mathematical Structures (3)*fall*

Introduction to rigor and proof in mathematics. Basic logic, set theory, mathematical induction, combinatorics, functions, relations, and problem solving. Prerequisites: ENG 101 (or 105) and one semester of calculus or instructor approval.

MAT 310 Introduction to Geometry (3)*spring*

Congruence, area, parallelism, similarity and volume, and Euclidean and non-Euclidean geometry. Prerequisite: MAT 272 or equivalent.

MAT 342 Linear Algebra (3)*once a year*

Linear equations, matrices, determinants, vector spaces, bases, linear transformations and similarity, inner product spaces, eigenvectors, orthonormal bases, diagonalization, and principal axes. Prerequisite: MAT 272 or equivalent.

MAT 371 Advanced Calculus I (3)*fall*

Continuity, Taylor's theorem, partial differentiation, implicit function theorem, vectors, linear transformations and norms in R^n , multiple integrals, and power series. Prerequisite: MAT 300 and 342.

MAT 411 History and Philosophy of Mathematics (3)*once a year*

Examines nature of mathematics from origins to present, revealed by its history and philosophy. Strong background in mathematics not required. Cross-listed as HPS 411, IAS 411. General studies: HU, H.

MAT 443 Abstract Algebra (3)*spring*

Introduction to the most important algebraic structures, including groups, rings, integral domains, and fields. Prerequisites: MAT 300 and 342 or instructor approval.

MAT 445 Theory of Numbers (3)*spring*

Prime numbers, unique factorization theorem, congruences, Diophantine equations, primitive roots, and quadratic reciprocity theorem. Prerequisites: MAT 300 and 342 or instructor approval.

Music

MUS 340 Listening to Music (3)*selected semesters*

Major periods, composers, and compositions in the history of music. General studies: HU, H.

MUS 349 Music in America (3)*selected semesters*

Current styles of American music including jazz, popular, and folk music. General studies: HU, H.

MUS 354 Popular Music (3)*selected semesters*

Emphasis on historical, cultural, and performance patterns in a variety of popular idioms such as, but not limited to, rock, folk, jazz, and Afro-American music. General studies: HU.

MUS 355 Survey of American Music (3)*selected semesters*

Growth and development of American music.

MUS 356 Survey of the Musical Theatre (3)*selected semesters*

Music's place in the theatre, viewed in terms of historical importance and relative function. General studies: HU.

Philosophy

PHI 101 Introduction to Philosophy (3)*fall, spring*

Exploration of issues that philosophers have traditionally considered, including morality, reality, and knowledge. General studies: HU.

PHI 103 Principles of Sound Reasoning (3)*selected semesters*

Fallacies, validity, and soundness of arguments. May include syllogistic, elementary symbolic, inductive logic, and scientific method. Prerequisite: ENG 101 (or 105). General studies: L/HU

PHI 105 Introduction to Ethics (3)*selected semesters*

Philosophical examination of such questions as, How should we live? Is morality a social invention? Does anything matter? General studies: HU.

PHI 306 Applied Ethics (3)*fall, spring*

Philosophical techniques are used to elucidate such vital moral issues as sexual perversion, civil disobedience, abortion, punishment, violence and pacifism, suicide, and euthanasia. General studies: HU.

PHI 340 Bioethics (3)*selected semesters*

A philosophical exploration of ethical issues in health care delivery and the life sciences. Cross-listed as IAS 340. General studies: HU.

PHI 360 Business and Professional Ethics (3)*fall, spring, summer*

Examines moral theories applied to cases of corporate responsibility, property rights, environment, fairness, profit, employee rights, and responsibilities. General studies: HU.

PHI 406 Moral Dilemmas (3)*fall, spring*

Philosophical analysis of moral dilemmas arising in professional and public settings. Ethical decision making in business, educational, human service, and scientific communities. Cross-listed as IAS 406. Prerequisite: ENG 101 (or 105). General studies: L/HU.

PHI 407 Environmental Philosophy and Policy (3)*once a year*

Ethical concepts and theories applied to environmental issues: biotic community, biodiversity, degradation, ecofeminism, ecology, economics, population, property rights, and wilderness. Not open to students with credit in PHI 310 (available at Tempe campus). Cross-listed as IAS 407. Prerequisite: ENG 101 (or 105). General studies L/HU.

PHI 408 Feminist Ethics (3)

selected semesters

A philosophical exploration of the theoretical and practical aspects of ethical issues affecting women from diverse feminist viewpoints. Cross-listed as IAS 408. General studies: HU.

Physical Science

PHS 110 Fundamentals of Physical Science (4)

selected semesters

One-semester survey of the principles of physics and chemistry. Understanding of elementary algebra is presumed. 3 hours lecture, 2 hours lab. General studies: SQ.

Physics

PHY 101 Introduction to Physics (4)

selected semesters

Emphasizes applications of physics to life in the modern world. Understanding of elementary algebra is presumed. 3 hours lecture, 1 hour recitation, 2 hours lab. Fee. General studies: SQ.

PHY 111 General Physics (3)

fall

Noncalculus treatment of the principles of physics for nonphysics majors. Students whose curricula require a laboratory course must also register for PHY 113. Prerequisite: trigonometry. General studies: SQ (if credit also earned in PHY 113).

PHY 112 General Physics (3)

spring

Continuation of PHY 111. Students whose curricula require a laboratory course must also register for PHY 114. Prerequisite: PHY 111. General studies: SQ (if credit also earned in PHY 114).

PHY 113 General Physics Laboratory (1)

fall

Elementary experiments in physics. 2 hours lab, 1 hour recitation. Outside preparation for experiments and report writing are required. Fee. May be taken concurrently with, or subsequent to, PHY 111. General studies: SQ (if credit also earned in PHY 111).

PHY 114 General Physics Laboratory (1)

spring

See PHY 113. Fee. May be taken concurrently with, or subsequent to, PHY 112. General studies: SQ (if credit also earned in PHY 112).

Political Science

POL 101 Political Ideologies (3)

fall, spring

Leading political ideas and belief systems, e.g., Marxism, liberalism, conservatism, theories of democracy, and alternative futures. Not open to students with credit for POL 340. General studies: SB.

POL 110 Government and Politics (3)

spring

Major institutions of modern government and processes of individual and group political activity, with emphasis on the American experience. Meets the federal government requirement for teacher certification. Not open to students with credit for POL 310. General studies: SB.

POL 150 Comparative Government (3)

selected semesters

Political institutions and processes in selected foreign countries, including origins, strengths, and weaknesses of contemporary political systems and political development. General studies: SB, G.

POL 160 Global Politics (3)

fall

The nature of contemporary world politics through the study of both general theoretical topics and specific geographical areas. Not open to students with credit for POL 360. General studies: SB, G.

POL 310 American National Government: Ideas and Institutions (3)

fall, summer

Historical, analytic context of constitutionalism and citizenship vis-a-vis social, economic, and political institutions. Meets the federal government requirement for teacher certification. Not open to students with credit for POL 110. General studies: SB, H.

POL 313 The Congress (3)

spring

The modern American Congress: Its role, power and interrelationship in the American political system. General studies: SB.

POL 314 The American Presidency (3)

fall

Office, role, and power of the American presidency in the American political system. General studies: SB.

POL 320 Latino Politics (3)

fall

Examination of contemporary political issues in the diverse Latino community. General studies: SB, C.

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POL 331 Public Opinion (3)*selected semesters*

Examination of U.S. public opinion, the diversity of its cultural sources, and political influence. General studies: SB.

POL 336 Electoral Behavior (3)*selected semesters*

Voting behavior and the attitudes, perceptions, and activities of the citizenry in the political process. General studies: SB

POL 340 Political Theory (3)*fall, summer*

Survey of ancient, modern, and contemporary political theorists and ideas in European and American contexts. Not open to students with credit for POL 101. Prerequisite: ENG 101 (or 105). General studies: HU/SB.

POL 350 Comparative Politics (3)*spring, summer*

Theoretical approaches and political institutions, such as parties, pressure groups, legislatures, and executives, from a cross-national perspective. General studies: SB, G.

POL 360 World Politics Theory (3)*spring*

Theoretical examination of one or more aspects of international politics, e.g., foreign policy, negotiations, alliances, crises, wars, and international systems. Not open to students with credit for POL 160. General studies: SB, G.

POL 361 American Foreign Policy (3)*fall*

United States in world affairs; foreign policy since World War I. Techniques in formulating American foreign policies. General studies: SB.

POL 417 The Arizona Political System (3)*selected semesters*

Contemporary political problems within the context of Arizona's political, social, and constitutional frameworks. Meets the Arizona Constitution requirement for teacher certification.

POL 430 Race and Politics in the Americas (3)*selected semesters*

The study of racial politics in North, Central, and South America with a focus on the United States. General studies: SB, C.

POL 434 Media and Politics (3)*selected semesters*

The study of mass media and politics in the United States, e.g., media and elections, media and government. General studies: SB.

POL 435 Women, Power, and Politics (3)*spring*

The roles and treatment of women within various political contexts. Specific focus may vary with instructor. General studies: SB, C.

POL 436 Gender, Sexuality, Nation-States (3)*selected semesters*

Issues and problems related to the interface of gender, sexualities, nationalism and states in various world contexts. General studies: SB, G.

POL 440 Political Futures through Science Fiction (3)*selected semesters*

Examination of the relationship between politics and science fiction literature and film. Prerequisite: ENG 101 (or 105). General studies: L/HU.

POL 446 Democracy (3)*spring*

Issues and problems in democratic theory, e.g., the nature of democracy, majority rule, representation, equality, and the value of political participation. General studies: HU.

POL 453 Latin American Cities (3)*spring*

Urban studies of Latin American world cities, e.g., Mexico City, Santiago, emphasizing integration with U.S. cities, including Los Angeles, Phoenix. General studies: SB, G.

POL 454 Mexico: Politics, Economy, Cultures (3)*fall, spring*

Politics, economy, and cultures in Mexico in historical and contemporary perspective. General studies: SB, G.

POL 460 Politics of Globalization (3)*fall*

Theories and analysis of the politics of economic and technological globalization in the contemporary world. General studies: SB, G.

POL 470 Law and the Political Order (3)*spring, summer*

Investigation of concepts of justice, political rights, adjudication and legislation, legal ordering, constitutional law, law as an instrument of change. General studies: SB.

POL 484 Internship (1-6)*fall, spring, summer*

Structured practical experience supervised in the field by practitioners and overseen by the departmental internship coordinator. Prerequisite: prior approval of internship coordinator and department chair.

POL 486 Global Political Economy (3)*fall*

Contending approaches to historical and contemporary issues of international political economy, including global welfare, equality, ecology, and peace. General studies: SB, G.

Psychology (Social & Behavioral)

PGS 101 Introduction to Psychology (3)

fall, spring, summer

Major areas of theory and research in psychology. Participation in department-sponsored research or an educationally equivalent alternative activity is required. General studies: SB.

PGS 304 Effective Thinking (3)

spring, summer

Understanding and improving your intellectual and behavioral skills; information analysis, inference, logic, problem solving, and decision making. Prerequisites: ENG 101 (or 105); MAT 119 or PSY 230 or equivalent. General studies: L.

PGS 306 Environmental Psychology (3)

fall, summer

Concepts and research strategies in the study of behavior in interaction with physical environment. Prerequisite: PGS 101. General studies: SB.

PGS 315 Personality Theory and Research (3)

fall, summer

Definition and description of personality in terms of theoretical and methodological approaches. Prerequisites: PGS 101; PSY 290. General studies: SB.

PGS 341 Developmental Psychology (3)

fall

Behavior development analyzed in terms of psychological principles. Current research in human development. Prerequisites: PGS 101; PSY 290. General studies: SB.

PGS 344 Directed Child Study (3)

spring

Theories and methods of intervention with pre-school children and supervised practicum in the Child Study Laboratory. 1 hour lecture, 6-8 hours practicum. Prerequisites: ENG 101 (or 105); PGS 101. General studies: L/SB.

PGS 350 Social Psychology (3)

fall, spring, summer

Human social behavior, including such concepts as aggression, attraction, attribution, conformity, groups, helping, person perception, and persuasion. Prerequisite: PGS 101. General studies: SB.

PGS 370 Interpersonal Relationships (3)

fall, spring

Development of personal skills for competent functioning in interpersonal relationships across multiple social contexts. Principles of mental health adjustment. Prerequisite: PGS 101 or equivalent. General studies: SB.

PGS 385 Psychology of Gender (3)

spring

The course examines, from a psychological perspective, the similarities and differences in beliefs, attitudes, and behaviors of women and men. Cross-listed as WST 385. General studies: SB.

PGS 399 Supervised Research (1-3)

fall, spring, summer

Experience within the context of current faculty research projects. Student is assigned responsibility depending on qualifications. "Y" grade only. May be repeated for a total of 6 hours. Prerequisites: approval of faculty member prior to registration; "B" (3.00) GPA in major. Pre or corequisite: PSY 230 or equivalent.

PGS 414 History of Psychology (3)

selected semesters

Historical development of psychology from its philosophical beginnings to the present. Prerequisites: PGS 101; PSY 230, 290. General studies: L/SB.

PGS 427 Psychology of Aging (3)

fall

Behavioral, experiential, and emotional phenomena associated with aging. Analysis of retained abilities and resources as well as losses and stresses. Prerequisites: PGS 101, 341. General studies: SB.

PGS 430 Industrial Psychology (3)

selected semesters

Organizations and management systems: motivation and work performance; human factors in systems design and evaluation; personnel selection and testing. Prerequisite: MGT 301 or PGS 350.

PGS 442 Life Span Development (3)

spring

Methods and findings of recent studies of the development, growth, and problems of adolescents and adults, with implications for education. Prerequisite: PGS 341. General studies: SB.

PGS 443 Abnormal Child Psychology (3)

spring

The major disorders of childhood and adolescence (e.g., autism, hyperactivity, phobias, and delinquency) are covered, including cause, diagnosis, treatment, and prevention. Prerequisites: ENG 101 (or 105); PGS 101 and one course from among PGS 315, 341, 350 or instructor approval. General studies: L/SB.

PGS 444 Adolescent Psychology and Psychopathology (3)

fall

An advanced level survey of normal adolescent psychological development and psychological disorders of this age period. Lecture, discussion. Prerequisites: PGS 101, 341; PSY 290.

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PGS 446 Social Development (3)*selected semesters*

Theory, research, and issues regarding social development are discussed. Example topics: formation of attachments, prosocial development, and gender-role development. Lecture, seminar. Prerequisite: PGS 341. General studies: L/SB.

PGS 453 Organizational Behavior (3)*spring*

A survey of psychological theory and research as applied to the behavior of individuals in organizational settings. Lecture, discussion. Prerequisites: PGS 101, 350 or instructor approval. General studies: SB.

PGS 458 Group Dynamics (3)*selected semesters*

Theories and methods of group leadership, group effectiveness, communication within groups, and relations between groups and individual members. Prerequisite: PGS 350. General studies: SB.

PGS 462 Health Psychology (3)*selected semesters*

Contributions of psychology to health promotion and illness prevention, adaptation to acute and chronic illness, and to the health care system. Prerequisites: PSY 230, 290.

PGS 465 Psychology of Stress and Coping (3)*fall*

Readings in theory and research in the area of stress and coping. Lecture, discussion, class presentations. Prerequisites: PGS 315 or 350; PSY 290. General studies: SB.

PGS 466 Abnormal Psychology (3)*fall, summer*

Historical and current definitions, theory, and research concerning abnormal behavior. Major categories of psychopathology, including related treatment approaches. Prerequisites: PGS 101; PSY 290. General studies: SB.

PGS 468 Psychology and Law (3)*selected semesters*

Theories, research, and practice in psychology as related to law, including criminal, civil, domestic relations, and professional issues. Prerequisite: PGS 101.

PGS 472 Clinical Psychology (3)*selected semesters*

Clinical psychology as a science and profession. Historical development, methods of interviewing, assessment, and therapeutic intervention. Prerequisite: PGS 466.

PGS 473 Psychology and Politics of Child Maltreatment (3)*spring*

Examines psychological literature on child maltreatment in the context of development. Explores interactions between professionals responding to maltreatment. Prerequisites: PGS 101, 341; PSY 290. General studies: SB.

PGS 480 Cross-Cultural Social Psychology (3)*spring*

Focuses on patterns of social behavior in individualistic and collectivistic cultures. Includes multi-disciplinary research using qualitative and quantitative methodologies. Prerequisite: PGS 101 and 350. General studies: SB, G.

PGS 481 Psychology of Social Issues (3)*fall*

Focuses on how theory and research from psychology and other social sciences contribute to an understanding of contemporary social issues. Prerequisites: ENG 101 (or 105); PGS 101. General studies: L/SB.

PGS 482 Social Influence and Consumer Behavior (3)*spring*

Discusses social influence principles, emphasizing strategies employed by professionals that affect consumer behavior. Analyzes consumer defenses against manipulations. Prerequisite: PGS 350. General studies: SB.

PGS 494 Special Topics (3)*fall, spring, summer*

Topics may include theoretical and applied areas of psychology (e.g., infant development).

Psychology (Science & Mathematics)

PSY 230 Introduction to Statistics (3)*fall, spring, summer*

Basic concepts in descriptive and inferential statistics, emphasizing applications to psychology. Prerequisites: MAT 117; PGS 101. General studies: CS.

PSY 290 Research Methods (4)*fall, spring, summer*

Planning, execution, analysis, and reporting of experiments. Literature, procedures, and instruments in representative areas of psychological research. 3 hours lecture, 3 hours lab. Prerequisites: ENG 101 (or 105); PSY 230. General studies: SG.

PSY 323 Sensation and Perception (3)*fall, spring, summer*

Underlying processes of vision, audition, and the other senses. Application of current research and theory in a laboratory environment. Prerequisite: PSY 290 or instructor approval.

PSY 324 Memory and Cognition (3)*fall, summer*

Processes underlying information storage and retrieval, including different kinds of memory, forgetting, depth of processing, and control processes. Prerequisite: PSY 290. General studies: SB.

PSY 325 Physiological Psychology (3)*fall*

Relationships of physiological processes to behavior. Emphasis is on nervous system functioning. Prerequisites: PSY 290 or two courses in biological science; instructor approval.

PSY 330 Statistical Methods (3)*spring*

Advanced application of statistics to psychology. Highly recommended for students interested in attending graduate school. 3 hours lecture, 1 hour lab. Prerequisite: PSY 230. General studies: CS.

PSY 425 Biological Bases of Behavior (3)

spring

Critical study of physiological psychology; brain mechanisms underlying motivation, learning, etc. ENG 101 (or 105); PSY 325. General studies: L.

PSY 433 Human Psychophysiology (3)

selected semesters

Emphasis on human physiological-behavioral relationships. Topics include physiological change associated with imagery, stress, attention, skill learning, lying, and biofeedback. Prerequisite: PSY 325.

Religious Studies

REL 100 Religions of the World (3)

fall

An introduction to the history of religious traditions of the world, including Buddhism, Christianity, Hinduism, Islam, Judaism, and others. Not open to students who have completed REL 200 (available at Tempe campus). General studies: HU, G.

REL 201 Religion and the Modern World (3)

selected semesters

An introduction to the nature and role of religious beliefs and practices in shaping the lives of individuals and societies, with particular attention to the modern world. Prerequisite: ENG 102 (or 105). General studies: L/HU.

REL 305 Ritual, Symbol, and Myth (3)

fall, spring

Ritual, symbol, and myth as types of religious expression, with examples selected from the non-literate religions of the world. Prerequisite: ENG 101 (or 105).

REL 320 Religion in America (3)

fall

The emergence of religious ideas and institutions up to the Civil War. General studies: HU, H.

REL 321 Religion in America (3)

spring

The emergence of religious ideas and institutions from the Civil War to the present. Prerequisite: ENG 101 (or 105). General studies: L/HU, H.

REL 390 Women and Religion (3)

selected semesters

The role of women in several organized religions and/or religious sects, including a study of myth and symbols as they are used to establish, maintain, and enforce sex-roles within specific religions. Prerequisite: ENG 101 (or 105). General studies: L/SB, G.

REL 420 Religion in American Life and Thought (3)

fall

The influence of religion on American society, culture, and ideas; the distinctive character of religion in America. Prerequisite: REL 321 recommended.

Social and Behavioral Sciences

SBS 300 Interdisciplinary Approaches to Social and Behavioral Sciences (3)

fall, spring

The interdisciplinary approach to the study of social life. General studies: SB.

SBS 301 Cultural Diversity (3)

fall, spring

Socially structured differences in historical and cross-cultural perspective. Prerequisite: ENG 101 (or 105). General studies: L/SB, C.

SBS 302 Qualitative Methods (3)

spring

Basic methodological issues in the systematic application of qualitative analysis of human social life. Surveys range of qualitative methods used by social and behavioral scientists.

SBS 303 Quantitative Methods (3)

fall

Concepts underlying design and implementation of quantitative research methods.

SBS 304 Social Statistics I (3)

fall, spring

Statistical techniques of the social and behavioral sciences. General studies: CS.

SBS 404 Social Statistics II: Multivariate Analysis (3)

selected semesters

Analysis of variance, multiple regression, dummy variable regression, path analysis, and related topics. Computer application to problem solving. Prerequisites: SBS 303 and 304 or instructor approval. General studies: CS.

SBS 410 Topics in Identity/Difference (3)

fall, spring

Topics which focus on race/ethnic, gender, sexual or cultural identity/difference. May be repeated for credit when topics vary.

SBS 430 Topics in Power/Knowledge (3)

fall, spring

Discussion of selected topics concerning the effects of political and social institutions on perceptions of politics and political culture. May be repeated for credit when topics vary. General studies: SB.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

SBS 440 Family Studies (3)*fall, spring*

Theoretical frameworks for analyzing the development of family systems. Impact of social and economic conditions on family forms. May be repeated for credit when topics vary. General studies: SB.

SBS 450 Topics in Local/Global (3)*fall, spring*

Examines links between social, political, economic changes at local, national, global levels. May be repeated for credit when topics vary. General studies: SB, G.

SBS 460 Urban Studies (3)*fall, spring*

Study of local/global urban issues like social geography, political economy, culture and social space, urban social diversity. May be repeated for credit when topics vary. General studies: SB.

SBS 461 Program Evaluation and Policy Research (3)*spring*

Examines design, data collection/analysis, and political/ethical issues in planning and evaluating social programs and policies in community organizations. Prerequisite: a research course in social or behavioral sciences, or instructor approval.

SBS 484 Internship (1-6)*fall, spring, summer*

Structured practical experience supervised in the field by practitioners and overseen by the departmental internship coordinator. Prerequisite: prior approval of internship coordinator and department chair.

SBS 490 Senior Thesis I (3)*fall, spring, summer*

Supervised, independent, interdisciplinary research and writing on an intellectual issue or social problem chosen by the student. First part of a six-credit sequence, followed by SBS 491. Prerequisite: approval of departmental advisor and department chair.

SBS 491 Senior Thesis II (3)*fall, spring, summer*

Supervised, independent, interdisciplinary research and writing on an intellectual issue or social problem chosen by the student. Second part of a six-credit sequence. Prerequisite: SBS 490; approval of departmental advisor and department chair.

Sociology

SOC 101 Introductory Sociology (3)*fall, spring, summer*

Fundamentals of sociology, organization of human groups and society, processes of interaction, and social change. Not open to students who have credit for SOC 301. 2 hours lecture, 1 hour discussion. General studies: SB.

SOC 301 Principles of Sociology (3)*spring*

Intensive and critical analysis of the concepts of sociology. Not open to students who have credit for SOC 101. General studies: SB.

SOC 315 Courtship and Marriage (3)*fall, spring*

An overview of courtship, marriage, and related processes, focusing on problematical aspects of these institutions from the sociological perspective. Prerequisite: SOC 101 (or 301) or instructor approval. General studies: SB.

SOC 324 Work and the Workplace (3)*selected semesters*

Historical and comparative examination of changes in the structure and meaning of work and current shifts in people's work lives. General studies: SB, H.

SOC 328 Migration (3)*spring*

Introduction to the definition and analysis of migration in all forms. General studies: SB, G.

SOC 332 The Modern City (3)*spring*

Growth, characteristics, and problems of the modern city. Prerequisite: SOC 101 (or 301).

SOC 340 Sociology of Deviant Behavior (3)*spring*

A sociological analysis of stigmatized behaviors and conditions, including the causes, effects, and management of stigma. Prerequisite: SOC 101 (or 301) or instructor approval. General studies: SB.

SOC 341 Modern Social Problems (3)*fall, summer*

Race relations, poverty, unemployment, and other current issues. Prerequisite: ENG 101 (or 105). General studies: L/SB.

SOC 352 Social Change (3)*fall, spring*

Patterns of social change, resistance to change, and change-producing agencies and processes. Prerequisite: SOC 101 (or 301). General studies: SB, G, H.

SOC 353 Death and Dying in Cross-Cultural Perspectives (3)*fall, spring*

Humanistic and scientific study of aging, sickness, dying, death, and grief and their philosophy and ecology in non-Western and Western cultures. Cross-listed as ASB 353. General studies: HU/SB, G.

SOC 354 Popular Music and Society (3)*summer*

This class places contemporary music in its social, economic and political context; usually offered with MUS 354. General studies: HU.

SOC 360 Sociological Psychology (3)*selected semesters*

Interaction patterns between the sociocultural order and individuals; socialization process; norms, roles, and statuses; collective behavior. Prerequisite: SOC 101 (or 301). General studies: SB.

SOC 364 Popular Culture (3)*fall, spring*

Study of the social approaches to popular culture, focusing on the function of various forms (literature, film, theatre, and music). General studies: SB.

SOC 365 Sociology of Mass Communication (3)

selected semesters

A sociological exploration of the major mass media as a communicative process in American society. General studies: SB.

SOC 366 Film and Society (3)

fall, spring

Study of the social approaches to film as an art form, mass medium, and ideological construct. General studies: SB.

SOC 370 Racial and Ethnic Minorities (3)

spring

Problems of minorities in the United States and in other racially and ethnically heterogeneous societies. Evaluation of theories of prejudice and of research dealing with discrimination, desegregation, and assimilation. Prerequisites: SOC 101 (or 301). General studies: SB, C.

SOC 394 Special Topics (3)

fall, spring, summer

Topics may include film and society, women, work and the border economy, sports and society, women and religion.

SOC 400 Perspectives on Aging (3)

fall, spring

A broad overview of gerontological issues – physical, aging, retirement, living options, caregiving, theoretical background, death, etc. Cross-listed as SOC 400. General studies: SB.

SOC 419 Organizations and Technological Change (3)

spring

Explores the increasing impact of information technology on corporate, governmental, and private organizations. May involve fieldwork. General studies: G.

SOC 426 Social Inequality (3)

fall

Examines stability and change in social inequality based on age, class, ethnicity, gender, and race. General studies: SB.

SOC 456 Political Sociology (3)

fall

Social factors associated with voting; nature and structure of the electorate and political parties and the nature of national and international power structure. Prerequisite: SOC 101 (or 301) or instructor approval.

SOC 457 Social Movements and Social Change (3)

spring

The processes by which groups mobilize and collectively pursue social goals such as equality, justice, peace, and salvation. Prerequisite: ENG 101 (or 105). General studies: SB, G.

SOC 484 Internship (1-6)

fall, spring, summer

Structured practical experience supervised in the field by practitioners and overseen by the departmental internship coordinator. Prerequisite: prior approval of internship coordinator and department chair.

SOC 486 Contemporary Theory (3)

fall, spring

Contemporary issues and crises in social theory with major focus on particular theorists. Ideological factors in theory, philosophical issues, the nature of theory, and its relationship with methodology. Prerequisite: SOC 101 (or 301) or instructor approval. General studies: SB.

Spanish

SPA 101 Elementary Spanish (4)

fall, spring

Fundamentals of the language. Emphasis on listening, speaking, reading, and writing. Not open to students with credit in SPA 111 (available at Tempe campus). 4 hours lecture, 1 hour lab.

SPA 102 Elementary Spanish (4)

fall, spring

See SPA 101. Not open to students with credit in SPA 111 (available at Tempe campus). Prerequisite: SPA 101 or equivalent.

SPA 107 Spanish for International Professions I (8)

selected semesters

Accelerated program alternative to SPA 101 and 102 sequence. Functional approach to needs of international professions.

SPA 201 Intermediate Spanish (4)

fall, spring

Continuation of fundamentals. Emphasis on the development of the skills of reading, listening comprehension, speaking, writing, and culture. 4 hours lecture, 1 hour lab. Prerequisite: SPA 102 or equivalent.

SPA 202 Intermediate Spanish (4)

fall, spring

See SPA 201. Prerequisite: SPA 201 or equivalent.

SPA 207 Spanish for International Professions II (8)

selected semesters

Continuation of SPA 107, alternative to SPA 201 and 202 sequence. Expansion of communicative proficiency in specific areas of international professions. Prerequisite: SPA 107 or instructor approval.

SPA 311 Spanish Conversation (3)

fall

Designed primarily for nonmajors to promote vocabulary building and communicative expression in Spanish through discussions based on cultural readings. Prerequisite: SPA 202 or equivalent.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

SPA 312 Spanish Conversation (3)*spring*

See SPA 311. Prerequisite: SPA 202 or equivalent.

SPA 313 Spanish Conversation and Composition (3)*fall*

Designed to develop skill and accuracy in spoken and written Spanish. Required of majors; SPA 313 and 314 must be taken in sequence. Prerequisite: SPA 202 or equivalent. General studies: G.

SPA 314 Spanish Conversation and Composition (3)*spring*

See SPA 313. Prerequisite: SPA 202 or equivalent. General studies: G.

SPA 325 Introduction to Hispanic Literature (3)*selected semesters*

A critical approach to and analysis of literary types, including poetry, drama, short story, and novel. Required of all majors. Prerequisite: SPA 202.

SPA 412 Advanced Conversation and Composition (3)*selected semesters*

Oral and written Spanish communication skills, with particular attention given to developing fluency and facility. Required of majors. Prerequisite: SPA 314 or instructor approval. General studies: G.

SPA 413 Advanced Spanish Grammar (3)*selected semesters*

Intensive analysis of the Spanish language. Required of teaching majors. Prerequisite: SPA 314 or instructor approval.

SPA 425 Spanish Literature (3)*selected semesters*

Survey of Spanish literature from its beginning to the present. Prerequisite: SPA 325.

SPA 426 Spanish Literature (3)*selected semesters*

Survey of Spanish literature from 1700 to the present. Prerequisite: SPA 325. General studies: HU.

SPA 427 Spanish-American Literature (3)*selected semesters*

Survey of major works, figures, and movements from Colonial period to 1880. Prerequisite: SPA 325.

SPA 428 Spanish-American Literature (3)*selected semesters*

Survey of major works, figures, and movements from 1880 to the present. Prerequisite: SPA 325.

SPA 464 Mexican American Literature (3)*selected semesters*

Representative literature in Spanish and English by Mexican Americans, emphasizing sociocultural as well as literary values. Prerequisite: SPA 325. General studies: HU, C.

SPA 472 Spanish-American Civilization (3)*selected semesters*

Growth of the institutions and cultures of Spanish-American people. Prerequisite: SPA 314 or instructor approval. General studies: HU.

Statistics and Probability

STP 220 Conceptual Statistics (3)*fall, spring*

Treats the concepts and vocabulary needed to evaluate statistical reports on health, technology, and society. Aggressively emphasizes understanding over computation. Lecture, teamwork. Prerequisite: MAT 117 or 142 or equivalent. General studies: CS.

STP 226 Elements of Statistics (3)*fall, spring*

Basic concepts and methods of statistics, including descriptive statistics, significance tests, estimation, sampling, and correlation. Prerequisites: MAT 117 or 142 or equivalent. General studies: CS.

STP 300 Introduction to Probability (3)*spring*

Probability models and computations, joint and conditional distributions, moments, families of distributions, stochastic processes, simulation. Prerequisite: MAT 210.

STP 420 Introductory Applied Statistics (3)*once a year*

Introductory probability, descriptive statistics, sampling distributions, parameter estimation, tests of hypotheses, chi-square tests, regression analysis, analysis of variance, and nonparametric tests. Prerequisite: MAT 117 or equivalent. General studies: CS.

Theatre

THE 100 Introduction to Theatre (3)*fall, spring*

Survey of theatre production from the Greeks to contemporary theatre. General studies: HU.

THE 300 Film: The Creative Process (3)*selected semesters*

Elements of the theatrical film: cinematography, sound, editing, directing, acting, scriptwriting, producing, and criticism. 3 hours lecture, 2 hours lab. General studies: HU.

THE 320 History of the Theatre (3)*fall*

Traces major developments in theatre production from its beginning to the 17th century. General studies: HU, H.

THE 321 History of the Theatre (3)*spring*

Traces major developments in theatre production from the 17th century to modern times. General studies: HU, H.

THE 400 Focus on Film (3)*selected semesters*

Specialized study of prominent film artists, techniques and genres. Emphasis is on the creative process. May be repeated once for credit. Prerequisite: ENG 101 or 105.

THE 494 Special Topics (3)*selected semesters*

Topics may include film and society, women in film, experimental film.

Theatre Performance and Production

THP 294 Special Topics (1-4)

selected semesters

Topics such as musical theatre (history/survey).

THP 394 Special Topics (3)

selected semesters

Topics may be selected from the following:

- a) Acting for Non-Majors
- b) Acting for the Camera
- c) Theatre Studio/Workshop I
- d) Television Production

THP 494 Special Topics (3)

selected semesters

Topics may be selected from the following:

- a) Acting for Non-Majors
- b) Acting for the Camera
- c) Storytelling and Poetry
- d) Theatre Studio/Workshop II

Writing Across the Curriculum

WAC 101 Introduction to Academic Writing (3)

fall, spring

Combines classroom and supplemental instruction to teach academic genres of writing, including definition, summary, and analysis.

Women's Studies

WST 100 Women and Society (3)

spring

Interdisciplinary introduction examining critical issues in women's studies. Not open to students who have credit for WST 300. General studies: SB, C.

WST 300 Women in Contemporary Society (3)

fall, spring

Interdisciplinary examination of such topics as gender roles, work, education, sexuality, politics, health, and law. Not open to students who have credit for WST 100. Prerequisite: ENG 101 (or 105). General studies: SB, C.

WST 320 Women in Popular Culture (3)

fall

Analyzes from a historical perspective the images of women in magazines, films, advertising, toys, and other popular culture forms. General studies: HU, C.

WST 350 Race, Class, and Gender (3)

fall, spring

Explores the intersections of race, class, and gender in the U.S. and world, as forces of social control, oppression, and liberation. General studies: SB, C.

WST 370 Chronicling Women's Lives (3)

once a year

Explores the lives of a selected group of American women as a point of departure for the chronicling of contemporary women's lives. General studies: HU, C.

WST 376 Feminist Theory (3)

once a year

Exploration of feminist theories and the intersection of gender, race, ethnicity, and class through critical analyses. Prerequisite: ENG 101 (or 105). General studies: L, C.

WST 385 Psychology of Gender (3)

spring

The course examines, from a psychological perspective, the similarities and differences in beliefs, attitudes, and behaviors of women and men. Cross-listed as PGS 385. General studies: SB.

WST 390 Women and World Religions (3)

once a year

A comparative examination of vital issues about women and religions in different places of the world and different historical periods. Prerequisite: ENG 101 (or 105). General studies: L/SB, G.

WST 394 Special Topics (3)

fall, spring

Selected topics in women's studies, such as:

- a) Cultural Diversity
- b) Gender and Sexuality

WST 431 Women and Film (3)

once a year

Comparative international course explores ways feminist directors have broken the Hollywood mold in films focusing on women. Prerequisite: ENG 101 (or 105). General studies: L, G.

WST 457 Women, Cultures, and Societies (3)

fall

Examines issues such as poverty, dependency, interdependency, race, class, and gender in different societies of the world. General studies: SB, G.

WST 467 Ethnic Women Writers (3)

fall

Concentrates on selected women writers of the United States who are Native American, African American, Latina, and Asian-American. Cross-listed as ENG 460. Prerequisite: ENG 101 (or 105). General studies: L/HU, C.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

WST 473 Latina/Chicana Representation (3)*fall*

Examines from an interdisciplinary perspective contemporary issues experienced by Chicana/Latina women in the U.S. Cross-listed as AMS 429. General studies: SB, C.

WST 475 Women of the Diaspora Across Cultures (3)*selected semesters*

Course examines the socioeconomic condition, political formation and identities of contemporary indigenous, ethnic minority, immigrant and migrant women globally. General studies: HU, G.

WST 483 Contemporary Women Writers (3)*once a year*

A comparative approach to contemporary writings by women from around the world. General studies: HU, G.

WST 487 Gender and International Development (3)*fall, spring, summer*

Addresses conceptual, methodological and theoretical issues concerning gender, development and internationalism; evaluates theories and models for change. General studies: SB, G.

WST 494 Special Topics (3)*fall, spring*

Selected topics in women's studies, such as:

- a) Aging: Women/Minority Issues
- b) Social History of American Women
- c) Women, Power and Politics

WST 498 Pro-Seminar: Theory and Method in Women's Studies (3)*spring*

Reading and research on important theoretical and methodological issues in women's studies. Prerequisite: ENG 101 (or 105). General studies: L.

Omnibus courses: See [page 55](#) for omnibus courses that may be offered.

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in Accountancy*
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in Professional Accountancy*
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Course Descriptions*

Interim Dean:

Leanne Atwater, PhD

Location:

FAB N101
(602) 543-6200

School website:

www.west.asu.edu/som/

Professors:

Anders, Atwater, Bellizzi,
Forster, Nahavandi,
Silberman, Van Fleet,
Vickrey, Waldman

Associate Professors:

Anderson, Balthazard,
Brett, Carey, Davidson,
Duncan, Gopalakrishnan,
Greenhut, Lowe, Meznar,
Mizzi, Noronha, Prosch,
Sen, Swenson

Assistant Professors:

Bristol, Foster, McCabe,
Mesquita, Mohan, Samuels

Visiting Assistant Professors:

Hull, Peterson, Stanley

Senior Lecturer:

Muller

Lecturers:

Anders, Dallmus, Finger,
Goldman, Hayden, Macfie,
Olander, Singh, Thording

School of Global Management and Leadership



Purpose

The School of Global Management and Leadership provides a technology-rich learning environment with an outstanding, research-intensive faculty devoted to delivering a state-of-the-art curriculum. The School focuses on preparing leaders who understand what it means to successfully work in a global environment, whether in Arizona or elsewhere in the world. The School's name emphasizes its leadership and global themes, which are embedded throughout the curriculum. The School's programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB), a distinction achieved by fewer than 350 schools around the world.

A promise to our **Graduates**:

- Proficiency in recognizing and analyzing organization issues from an integrated, global perspective.
- Adeptness in anticipating and managing change.
- Knowledge and application of state-of-the-art management practices and information technology.
- Conceptual, technical, and interpersonal abilities essential to flourish in a diverse, global business environment.

A promise to our **Students**:

- A program that is responsive to student needs.
- Exposure to important management issues through faculty research, case studies, team projects, internships, and mentoring programs.
- Continuous improvement and development of courses and programs informed by current issues and practice.

- Continuous development of faculty who are committed to excellence in teaching, research, and service.
- Access to evening classes that permit working professionals to complete an undergraduate or graduate program.

A promise to the **Business Community**:

- A partnership that generates a responsive, leading-edge curriculum.
- Faculty dedicated to using their expertise to develop innovative solutions to organization and community problems.
- Masters and Baccalaureate graduates who add value to their organizations.

A promise to the **Profession**:

- Advancement and communication of knowledge of management through research, writing, and teaching.
- Service to academic and professional associations and the University through leadership and active participation.

To accomplish its purpose, the faculty of the School of Global Management and Leadership offers these programs:

BS Accountancy

BS Global Business

Includes concentrations in:

Financial Management

Information Systems Management

International Studies

Leadership and Management

Marketing

Master of Business Administration (MBA)

Postbaccalaureate Certificate in Accountancy

Postbaccalaureate Certificate in Professional Accountancy

In addition to the regular degree curricula, other programs of study in the college are designed to meet special needs. Evening, continuing education, and short courses on a noncredit basis are also available.

Baccalaureate degree programs

Nature of program

The undergraduate curriculum has been devised so that the student completes 50% of work in general education and other non-business courses and 45% in courses offered by the School of Global Management and Leadership, with the remaining 5% selected from either area by the student in consultation with his or her advisor.

Admission

The Professional Program. The School of Global Management and Leadership offers the junior and senior levels of the undergraduate curriculum. Admission is awarded to those applicants demonstrating the highest promise for professional success.

To be considered for admission to the professional program, the student must be admitted to ASU's West campus and must have:

1. completed at least 56 semester hours or the Arizona Associate of Business degree;
2. attained a minimum cumulative GPA of 2.50 for all courses taken;
3. completed the accounting core with a grade of "B" (3.00) or higher for Accounting majors and a grade of "C" (2.00) or higher for Global Business majors:
 - a. ACC 230 Uses of Accounting Information I *or* Financial Accounting course
 - b. ACC 240 Uses of Accounting Information II *or* Managerial Accounting course
 - c. ACC 250 Introductory Accounting Lab, required for Accountancy majors only who have completed the ACC 230 and 240 sequence
4. completed the following courses with a grade of "C" (2.00) or better and a minimum GPA of 2.50:
 - a. CSE 180 Introduction to Computers (CS)
 - b. ECN 111 Macroeconomics (SB)
 - c. ECN 112 Microeconomics (SB)
 - d. ENG 101, 102 First-Year Composition
 - e. MAT 119 Finite Mathematics (MA)
 - f. MAT 210 Brief Calculus (MA)
 - g. QBA 221 Statistical Analysis (CS); and
5. completed an SG and an SQ laboratory science course, a course in oral communication (3 hours), PGS 101 Introduction to Psychology (SB) (3 hours), and SOC 101 Introductory Sociology (SB) (3 hours).

Contact the School's Undergraduate Program Advising Office at (602) 543-6200 for additional information.

To be accepted for credit as part of the academic program in business, all courses transferred from other institutions must carry prerequisites similar to those of the courses they are replacing at ASU.

Nondegree/nonbusiness students. Nondegree and nonbusiness students are permitted to enroll in selected 300 and 400 level business courses only during on-line registration and only if, (1) the student has an ASU cumulative GPA of at least 2.50 and an ASU cumulative business GPA of at least 2.50 at the time of on-line registration, or (2) the student has never attended ASU, in which case he or she is given a one-semester period to register during on-line registration and to establish a GPA at ASU. Students must meet all prerequisites and course requirements as listed in the catalog.

Nondegree and nonbusiness students are limited to a maximum of 15 semester hours of selected upper division business courses (excluding economics courses).

Transfer credit

Freshman and sophomore level courses (numbered 100 - 299) at a community college or another four year university will not be accepted as transfer credit in the upper division program.

Professional business courses taught in the junior or senior year in the three state universities may not be completed at a two-year college for transfer credit in the business core or major. A maximum of nine semester hours of upper division business credits may, upon approval, be transferred from ASU's Tempe campus or from another AACSB-accredited four-year institution.

An Associate in Transfer Partnership Degree is available to Maricopa County Community College students who wish to complete their first two years of course work at a Maricopa County Community College and transfer to the School of Global Management and Leadership without loss of credit. The Arizona Associate in Business (ABUS) degree is also available for transfer to any business program at an Arizona state-funded university without loss of credit. Students may consult with an academic advisor in the School of Global Management and Leadership to assist in planning their program.

Degree requirements

Students seeking a Bachelor of Science degree in the School of Global Management and Leadership must satisfactorily complete a curriculum of 120 semester hours.

Specific requirements for the Bachelor of Science, Accountancy major and Global

Business major are explained under the respective academic program sections.

University General Studies requirements. All students pursuing a baccalaureate at ASU must successfully complete a minimum of 35 semester hours of approved general studies courses. Courses completed in the business major, as well as selected courses required for admission to the BS degree program can be applied toward meeting the university General Studies requirement. Students should consult with their advisor when selecting courses to fulfill the General Studies requirement.

Additional graduation requirements. In addition to completion of the courses outlined above, to be eligible for the Bachelor of Science degree in the School of Global Management and Leadership, a student must have:

1. attained a cumulative GPA of 2.00 or higher for all business courses taken at this university and for all courses for the concentration/major taken at this university;
2. earned at least 50% of the business semester hours required for the business degree in resident credit at the West campus; and
3. earned a grade of "C" (2.00) or better in all upper division business courses required for the major or concentration.

Pass/fail. School of Global Management and Leadership undergraduate students may not include among the semester hours required for graduation any courses taken at this university on a pass/fail basis. This policy excludes some courses such as internship which may be offered only for pass/fail credit.

Academic standards

The following are minimum academic standards applicable to all degree and certificate programs offered by the School of Global Management and Leadership. Some programs may have more specific or stringent requirements.

Probation. Students are placed on probation when their GPA for all courses taken at ASU drops below a 2.00 minimum.

Disqualification. Probationary students have at most the next two consecutive semesters to raise their ASU GPA to the minimum 2.00 or higher. In the first semester of probation the student must receive a grade of “C” (2.00) or above in all courses and have a GPA of at least 2.50 for the semester. Immediate disqualification occurs if either of these conditions are not met. If both are satisfied but the GPA for ASU courses still remains below 2.00, then the student may be given a second semester under probation to raise the GPA to the minimum. The student is disqualified from the business program if the ASU GPA has not been restored to at least 2.00 after the two semesters.

Reinstatement. The School of Global Management and Leadership does not accept applications for reinstatement until the disqualified student has remained out of the college for at least a 12-month period. Merely remaining in a disqualified status for the above period of time does not, in itself, constitute a basis for reinstatement. Evidence of ability to do satisfactory academic work is required.

Students who have been academically disqualified are permitted to enroll in courses during summer sessions in order to raise their ASU GPA. Disqualified students may not enroll in upper division business courses until they have been reinstated in a business program.

Academic dishonesty. School of Global Management and Leadership students are expected to adhere to the ASU *Academic Integrity Policy*. A copy of the policy may be obtained from the School’s Advising Office.

Accountancy

Chair, Department of Accounting and Information
Systems Management: William Duncan, PhD
Location: FAB S190
(602) 543-6275

There are three accounting programs available at the West campus. The Bachelor of Science in Accountancy is available for students pursuing an undergraduate degree. The Postbaccalaureate Certificate in Accountancy is available for those already possessing a bachelors degree who seek a career change to accounting or upgraded accounting skills. The Postbaccalaureate Certificate in Professional Accountancy is

designed to allow BS in Accountancy graduates to meet the educational requirements for CPA licensure.

Either certificate program can be used as a foundation to pursue professional certification as a Certified Public Accountant (CPA), Certified Management Accountant (CMA), or Certified Internal Auditor (CIA).

Bachelor of Science in Business, Major in Accountancy

Nature of program

The faculty of the Accountancy Program is dedicated to improving the quality of accounting practice. This objective is achieved primarily through offering rigorous and relevant educational experiences through the bachelor's program. The complexity of the modern business world and its growing interaction with social, political, and economic environments is reflected in the revised accountancy program with its emphasis on a solid foundation of accounting and business courses with a selection from a number of optional courses for specialized career development. Students who study accountancy aspire to enter a challenging professional environment. An accounting professional in today's environment must possess technical expertise, communication skills, analytical skills, and interpersonal skills.

Career outlook

Graduates of the Accountancy Program accept positions as accountants, auditors, and internal auditors, while some students pursue business careers outside traditional accounting roles. Students are recruited by CPA firms, banks, other financial institutions, manufacturing companies, utilities, and government agencies. The curriculum in the undergraduate accountancy program provides the foundational requirements for professional certification as a Certified Public Accountant (CPA), Certified Management Accountant (CMA), or Certified Internal Auditor (CIA). Additional coursework may be necessary for licensure.

Admission

To be considered for admission to the undergraduate Accountancy major, a student must (1) meet the School of Global Management and Leadership admission requirements and (2) have received a grade of "B" (3.00) or better in the Introductory Accounting course sequence.

Major requirements

Upper division business core

FIN 301	Fundamentals of Finance	3
ACC 346	Information Systems Management	3
MKT 301	Fundamentals of Marketing	3
OPM 301	Operations Management	3
GLB 401	Global Business Integration (L) Management	4
<i>Select one course from the following list:</i>		3-4
MGT 301	Principles of Management (3)	
GLB 303	Relationship Management (3)	
MGT 412	Managing Human Resources (4)	
Total upper division business core		19-20

Accounting core

ACC 326	External Financial Reporting I	3
ACC 327	External Financial Reporting II	3
ACC 336	Cost Management and Control	3
ACC 356	Income Tax Accounting	3
ACC 361	Accounting Technology	3
Total accounting core		15

Career focus

<i>Select two courses as specified below:</i>		6-9
ACC 426	Advanced Reporting: Consolidation, International, and Not-for-Profit Topics (3)	
ACC 436	Advanced Topics in Cost Management (3)	
ACC 456	Advanced Taxation (3)	
ACC 476	External Auditing (3)	
ACC 477	Internal Auditing (3)	
ACC 478	Governmental and Not-for-Profit Accounting (3)	
ACC 484	Accounting Internship (3)	
<i>One career focus course may be selected from the following list:</i>		0-3
FIN 410	Investments (3)	
FIN 411	International Finance (3)	
FIN 412	Financial Management (3)	
LES 306	Business Law (3)	
Total career focus		9

General Studies requirements

ENG 301	Writing for the Professions (L)	3
PHI 306	Applied Ethics (HU) <i>or</i>	
PHI 360	Business and Professional Ethics (HU)	3
COM 100	Introduction to Human Communication (SB) <i>or</i>	
COM 230	Small Group Communication (SB)	3
COM 259	Communication in Business and the Professions	3
<i>Select one course from the General Studies curriculum:</i>		
Course to be approved by a business advisor, having subject matter in political science, government, or business and society.		3
Specified General Studies		15

Total Major Requirements 58-59

Academic good standing. Accountancy majors must receive grades of “C” (2.00) or better in the required upper division accounting courses to be in good standing. If an Accountancy major receives a grade below “C” (2.00) in any required course, this course must be repeated before any other upper division accounting course can be taken. If a second grade below “C” (2.00) is received in an upper division accounting course already taken, the student is no longer eligible to take additional upper division accounting courses.

Nature of program

The Postbaccalaureate Certificate in Accountancy is a flexible 30 semester hour program designed for students already possessing an undergraduate degree. The undergraduate degree may be in any field, business related or not.

The certificate program is particularly useful for persons seeking a career change to accounting or to upgrade existing accounting skills. The program involves undergraduate course work in accounting and related fields and prepares a student to sit for the Certified Public Accountant (CPA) examination or other professional accounting certification such as the Certified Management Accountant (CMA) or Certified Internal Auditor (CIA).

The curriculum is designed to provide students with a solid foundation, teaching students the technical accounting expertise they need while learning the communication, analytical, and interpersonal skills necessary to succeed in today's business world. Classes are conveniently offered during day and evening hours. Students also have the opportunity to receive work experience through internship programs with local firms and governmental agencies. Students who complete the Certificate are highly sought after by employers because of their real-world work experience and superior communication skills.

Admission

To be admitted to the Postbaccalaureate Certificate in Accountancy program, an individual must:

1. possess a four-year baccalaureate degree with a minimum GPA of 2.50 from an accredited college or university;
2. be admitted to ASU's West campus as a non-degree graduate student; and

3. have completed Financial and Managerial Accounting (6 hours) with a grade of "B" (3.00) or better and the prerequisite Business core with a minimum GPA of 2.50 and a grade of "C" (2.00) or better in each course:
 - a. Microeconomics and Macroeconomics (6 hours)
 - b. Finite Mathematics (3 hours)
 - c. Statistical Analysis (3 hours)
 - d. Computers in Business (3 hours)

Program requirements

	Semester Hours
Accounting core	
ACC 326 External Financial Reporting I	3
ACC 327 External Financial Reporting II	3
ACC 336 Cost Management and Control	3
ACC 346 Information Systems Management	3
ACC 356 Income Tax Accounting	3
ACC 361 Accounting Technology	3
Career focus	
<i>Select two courses from the following list:</i>	6
ACC 426 Advanced Reporting: Consolidation, International, and Not-for-Profit Topics (3)	
ACC 436 Advanced Topics in Cost Management (3)	
ACC 456 Advanced Taxation (3)	
ACC 476 External Auditing (3)	
ACC 477 Internal Auditing (3)	
ACC 478 Governmental and Not-for- Profit Accounting (3)	
ACC 484 Accounting Internship (3)	
<i>One career focus course may be selected from the following list: (0-3)</i>	
FIN 410 Investments (3)	
FIN 411 International Finance (3)	
FIN 412 Financial Management (3)	
LES 306 Business Law (3)	
Business electives	
<i>Select two courses from the following list:</i>	6-7
FIN 301 Fundamentals of Finance (3)	
MKT 301 Fundamentals of Marketing (3)	
OPM 301 Operations Management (3)	
Management (<i>maximum of one</i>)	
GLB 303 Relationship Management (3)	
MGT 301 Principles of Management (3)	
MGT 412 Managing Human Resources (4)	
Total	30

Students admitted to the Postbaccalaureate Certificate in Accountancy program are permitted to enroll in courses other than those listed above only with the written permission of the Accountancy director.

At least 21 of the upper division credits for the certificate and at least 18 of the upper division credits in accounting must be taken in residence at West campus. Candidates must achieve a grade of “C” (2.00) or better in each course presented for the Postbaccalaureate Certificate.

Academic good standing. Postbaccalaureate Certificate students must receive grades of “C” (2.00) or better in the required upper division accounting courses to be in good standing. If a Postbaccalaureate Certificate student receives a grade below “C” (2.00) in any required course, this course must be repeated before any other upper division accounting course can be taken. If a second grade below “C” (2.00) is received in an upper division accounting course already taken, the student is no longer eligible to take additional upper division accounting courses.

Postbaccalaureate Certificate in Professional Accountancy

Nature of program

The Postbaccalaureate Certificate for Professional Accountancy is designed for students who have earned a Bachelor of Science in Accountancy and need additional college coursework to meet the educational requirements for Certified Public Accountant (CPA) licensure in the State of Arizona. Upon completion of the Postbaccalaureate Certificate in Professional Accountancy, students will have met the 150-hour requirement for CPA certification in Arizona that took effect June 30, 2004.

Admission

To be admitted to the Postbaccalaureate Certificate in Professional Accountancy program, an individual must possess a four-year baccalaureate degree in Accountancy from ASU or the equivalent from another regionally accredited university or college with a minimum of 120 semester hours.

Program requirements

In consultation with a program advisor, students will design individualized programs of study that will enable them to meet the educational requirements for certification as Certified Public Accountants of the State of Arizona. Certificates will be earned by students who have completed at least 150 semester hours of college-level coursework including at least 36 semester hours of accounting courses, of which at least 30 semester hours must be upper division, and 30 semester hours of related business courses acceptable for certification. All course work presented for the certificate must be completed with a minimum grade of “C” (2.00) and be earned at regionally accredited universities or colleges. At least 18 semester hours must be taken in residence at West campus.

Academic good standing. Postbaccalaureate Certificate students must complete all courses used to fulfill the certificate requirements with a grade of “C” (2.00) or better.

Global Business

Bachelor of Science in Business, Major in Global Business

Director, Undergraduate Global Business Programs:
Marilyn Prosch, PhD
Location: FAB N101B
(602) 543-6115

Nature of program

The Global Business degree program establishes the foundation for understanding the entire business enterprise operating in a global economy. The program emphasizes real-world skills, such as conflict management, team building, diversity awareness, and problem solving, by integrating innovative courses into its curriculum.

The Global Business curriculum is comprised of a global business core, a business concentration, and focused liberal studies courses. The core courses integrate concepts to develop the understanding of how businesses operate and how to make decisions in the world marketplace.

Each student's degree program includes courses in a specialized area of interest in business. The focused liberal studies courses are directly linked to global awareness, understanding diverse customers and markets, communication, and problem solving skills.

Career outlook

The Global Business major is designed for students seeking careers in a variety of domestic business organizations as well as those focused on worldwide business activity. Opportunities for graduates exist with both large and small employers. Most career-related positions tend to be in private firms, followed by government agencies, and by non-profit organizations. The program emphasizes the analysis of business environments, and related business practices and issues. In addition, the Global Business program serves as an excellent foundation for graduate study in business and for the study of law.

Major requirements

		Semester Hours
Upper division business core.		
ACC	346 Information Systems Management	3
FIN	301 Fundamentals of Finance	3
MGT	301 Principles of Management	3
MKT	301 Fundamentals of Marketing	3
OPM	301 Operations Management	3
GLB	301 Business in the Global Environment (G)	4
GLB	302 Culture and Diversity Management	3
GLB	303 Relationship Management	3
GLB	401 Global Business Integration (L)	4
—	— Business Elective	<u>4</u>
Total core		33
Focused liberal studies.		
<i>Select 15 upper division semester hours from the following areas:</i>		
Ethics (Choose one)		3
PHI	306 Applied Ethics (HU)	
PHI	360 Business and Professional Ethics (HU)	
Creativity (Choose one)		3
COM	422 Argumentation, Critical Reasoning, and Public Communication (L)	
IAP	331 Performance, Acting, and the Individual	
IAP	335 Vocalization and Movement	
IAP	352 Seeing and Drawing	
IAP	442 Movement and Music	
Writing (Choose one)		3
ENG	301 Writing for the Professions (L)	
ENG	311 Persuasive Writing (L)	
ENG	323 Rhetoric and Grammar (L)	

Global/Regional/American studies (<i>Choose two</i>)		6
AMS	311 American Systems (H)	
AMS	321 American Cultures (SB, H)	
AMS	330 Introduction to American Lives (HU)	
ASB	340 Migration and Culture (SB, G) <i>or</i> SOC 328 Migration (SB, G)	
ASB	440 Women in the Global Factory (SB, G)	
HIS	356 World History Since 1500 (G, H)	
HIS	394 Japan	
HIS	423 Mexico (SB, H)	
LSC	330 Pollution vs. Protection: Counting the Cost (G)	
POL	350 Comparative Politics (SB, G)	
POL	360 World Politics Theory (SB, G)	
POL	361 American Foreign Policy (SB)	
POL	394 ST: Central American Studies	
POL	394 ST: Mexican Border Cities: Action Research on Globalization	
POL	430 Race and Politics in the Americas (SB, C)	
POL	435 Women, Power, Politics (SB, C)	
POL	453 Latin American Cities (SB, G)	
POL	454 Mexico: Politics, Economy, Cultures (SB, G)	
POL	460 Politics of Globalization (SB, G) <i>or</i> SOC 457 Social Movements/ Social Change (SB, G)	
POL	486 Global Political Economy (SB, G)	
SBS	450 Topics in Local/Global (SB, G)	
SOC	352 Social Change (SB, G, H)	
SOC	364 Popular Culture (SB)	
SPA	394 ST: Spanish for Business	
WST	487 Gender and International Development (SB, G)	
Total focused liberal studies		15

Concentrations. Each student's degree program will include one of the following areas of concentration: Financial Management, Information Systems Management, International Studies, Leadership and Management or Marketing. Each concentration consists of 12 semester hours.

Honors thesis. With the approval of the thesis advisor, honors students may substitute the Honors Thesis for one course in the concentration.

Financial Management Concentration

The objective of the Financial Management Concentration is to prepare students to enter a career in finance. Students will get an in-depth look at both the quantitative and qualitative aspects of the analytical tools needed to make financial decisions. Emphasis will be on both domestic and global capital market institutions and securities.

The Financial Management Concentration consists of four required courses as follows:

		Semester Hours
ACC	410 Contemporary Financial Reporting	3
FIN	410 Investments	3
FIN	411 International Finance	3
FIN	412 Financial Management	3

Information Systems Management Concentration

The Information Systems Management Concentration focuses on how information technology can be used, designed, and managed to support effective decision-making. Students are first introduced to the underlying technologies. The subject matter then expands to include the analysis, design, implementation, and evaluation of systems as well as the managerial, organizational, and social implications of information systems use.

The Information Systems Management Concentration will consist of three required courses as follows:

		Semester Hours
ISM	410 Client/Server Systems	4
ISM	411 Distributed Client Development and Deployment	4
ISM	412 Managing the Information System Resource	4

International Studies Concentration

The International Studies Concentration is designed to prepare graduates to help their firms compete in the increasingly borderless business environment. The courses are designed to extend the understanding of how international operations affect key functional activities within the firm. The concentration also exposes students to current thinking on issues of international competitiveness at the national, industry, and organizational levels. Furthermore, students are able to gain a greater understanding of a specific geographic region of interest to them.

The International Studies Concentration consists of the following:

	Semester Hours
FIN 411 International Finance	3
GLB 411 Global Competitiveness	4
MKT 414 Global Strategic Marketing	4
GLB 499 Individualized Instruction	1

Leadership and Management Concentration

The Leadership and Management Concentration provides students with a broad introduction to principles and practices relevant in today's complex business world. Emphasis is placed on leadership applications and development, and management of human resources in a domestic and global business environment. This concentration is designed for those students who seek a challenging and rewarding management position.

	Semester Hours
MGT 411 Leading Organizations	4
MGT 412 Managing Human Resources	4
MGT 494 Special Topics in Leadership and Management	4

Marketing Concentration

Study in the field of marketing involves analysis of how organizations design, distribute, price, and promote products and services that satisfy customer needs as well as meet organizational objectives. Marketing students prepare for careers in general marketing management, brand management, advertising, marketing research, international marketing, distribution, retail, sales, and sales management.

The Marketing Concentration consists of three required courses as follows:

	Semester Hours
MKT 410 Consumer Behavior	4
MKT 413 Marketing Research Concepts and Practice	4
MKT 414 Global Strategic Marketing	4

Master of Business Administration

Master of Business Administration

Director: Mohan Gopalakrishnan, PhD

Location: FAB N151

(602) 543-6201

Nature of program

The Master of Business Administration degree is designed for those who seek a broad, integrated program with an opportunity to prepare for leadership roles in business in the new century.

Skills emphasized are:

Technical - accounting, economics, finance, information technology, quantitative analysis, and research.

Managerial - leadership, change, communication, creativity, interpersonal, political and professional behavior.

Analytical - conceptualization, critical thinking, decision making, and problem solving.

The MBA program is professionally accredited by the AACSB International—The Association to Advance Collegiate Schools of Business, the nation's leading accreditation agency for business schools. Rigorous entrance standards assure that all students are academically and professionally prepared for the demanding intellectual experience and the pace of each program. Our dynamic faculty members are PhD qualified as well as nationally and internationally recognized for their teaching, research, and business credentials.

The MBA program is designed for individuals who seek to expand their career opportunities and to move into leadership roles in organizations. The program has an innovative management training component called Leadership in Residency. This hands-on component includes projects with community-based partnerships, global awareness activities, 360 degree feedback assessment, and other skill developing activities.

Offered on-campus at night, it is flexible to accommodate the needs of working professionals and can be completed on a part-time basis in three years or on a full-time basis in two years. Students have the opportunity to interact with a wide variety of other students to hone their skills in coping with change. Students whose jobs and/or personal situations make it difficult to commit to a program that requires attendance every term find this delivery option particularly appealing.

Career outlook

Graduates of the Master of Business Administration program are finding steady demand for their skills in a rapidly changing economy. The MBA degree gives individuals an edge in our competitive global business environment. Our graduates are working in leadership positions in many large multinational corporations, local companies, and leading nonprofit organizations.

Admission

Students who have strong academic backgrounds, good GMAT scores, and demonstrated leadership potential are model candidates for the MBA program. Admission to the graduate program in business is open to:

1. holders of baccalaureate, or higher, degrees from institutions accredited by a Council on Postsecondary Accreditation institutional accrediting agency; and
2. those who show high promise of success as demonstrated by previous schooling, experience, and testing.

Application. A transcript of all undergraduate and graduate work and, where applicable, TOEFL scores must be received by the Graduate Studies office before an application can be considered. Letters of recommendation, a resume, GMAT scores, and a personal statement must be sent to the MBA Program Office.

The application, application fee, and transcripts should be sent to:

Graduate Studies
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

The priority application deadlines are April 15 for the summer session, June 15 for the fall semester, and November 1 for the spring semester. International students should apply by May 1 for fall semester and October 1 for spring semester.

All other information for admission processing should be sent to:

MBA Program Office (FAB N150)
School of Global Management
and Leadership
Arizona State University at the West campus
P.O. Box 37100
Phoenix, AZ 85069-7100

GPA and GMAT. Admission is partly based on grade-point average (GPA) and Graduate Management Admission Test (GMAT) scores. The GMAT must be completed within five years of the date that the application is reviewed. Applications for this test may be obtained by writing or calling:

Graduate Management Admission Test (GMAT)
Educational Testing Service
P.O. Box 6103
Princeton, NJ 08541-6103
(609) 771-7330
www.mba.com

International students. Students whose native language is not English and who have not completed a degree in a country whose native language is English are required to submit Test of English as a Foreign Language (TOEFL) scores prior to admission. For further information on the TOEFL contact: Educational Testing Service, Box CN6108, Princeton, New Jersey 08541-6108; phone (609) 771-7330.

Admission process. Each application for admission is reviewed and the grade point average, GMAT score, managerial experience, other work experience, letters of recommendation, personal statement, and the application itself are weighed in the decision to admit a student. All applicants are notified of their status as soon as possible after the deadline.

Program requirements

Prerequisites. Although there are no prerequisites to the MBA program, students are expected to have strong mathematical skills, computer literacy, and good communication skills. Strong mathematical skills imply knowledge of basic calculus and some statistics. Computer literacy implies working knowledge of spreadsheet programs, word processing, e-mail, the Internet, and simple Windows commands. Most of the computer work in the MBA program utilizes personal computers. Good communication skills imply the ability to write clearly and to prepare and deliver professional presentations. Students who are uncertain about the sufficiency of their knowledge level in any of these areas should meet with an MBA staff person.

Comprehensive examinations. All students must successfully complete the comprehensive requirement established by Graduate Studies for the MBA degree. The comprehensive exam is integrated with MGT 593 Applied Project. Students passing this course with a grade of “B” (3.00) or higher satisfy the comprehensive exam requirement.

Course requirements. The MBA program of study includes courses designed to provide a foundation in business knowledge and skills. Many of these courses are prerequisites for classes to be taken in subsequent semesters.

Courses which build upon the business core outlined below are designed to focus on the further development of communication, decision-making, and problem-solving skills required of effective business leaders.

The courses which comprise the MBA program are as follows:

	Semester
	Hours
ACC 502 Corporate Financial Reporting	3
ACC 503 Managerial Accounting and Cost Control	3
CIS 502 Information Systems Concepts in Practice	3
ECN 502 Business Economics	3
FIN 502 Financial Decision Analysis	3
LES 579 Legal and Ethical Studies	3
MGT 502 Managing People and Organizations	3
MGT 589 Global Strategic Management	3
MGT 593 Applied Project	3
MKT 502 Strategic Marketing	3
MKT 593 Applied Project	3
OPM 502 Management of Operations Technology	3
QBA 502 Managerial Decision Making	3
Focused Courses	9
Total	48

Waiver/transfer policy. Selected core courses (numbered 502) may be waived on the basis of a transcript evaluation if the student has completed an undergraduate major or minor (at least 18 semester credit hours) in the functional area within the last five years with a grade of “B” (3.00) or higher at an AACSB

International accredited institution. Students would then take advanced courses in the subject area to maintain the total of 48 credit hours. In addition, nine hours of graduate credit may be transferred from another AACSB International accredited program. Every student must complete a minimum of 48 credits, 39 of which must be completed in the School of Global Management and Leadership.

Research activity

Given the wide array of disciplines housed in the School of Global Management and Leadership, faculty members investigate a wide range of issues and challenges surrounding finance, accounting, marketing, information systems, leadership and management in organizations. Examples include consumer behavior in budget allocation decisions, pricing financial instruments, the impact of directors’ equity ownership on corporate governance, teenage consumer behavior patterns, the nature of effective CEO leadership, inter-firm collaboration and its effects on costs, the effects of multi-source feedback, supply chain management, and the economic impact of casino gambling. The faculty has published in a wide array of specialized areas including risk management, information security, internal controls, cost measurement and allocation, auditing, tax compliance and policy. All contribute to the management field and the advancement of business theory and practice.

Accountancy

ACC 230 Uses of Accounting Information I (3)

fall, spring

Introduction to the uses of accounting information focusing on the evolution of the business cycle and how accounting information is used for internal and external purposes. Prerequisite: sophomore standing.

ACC 240 Uses of Accounting Information II (3)

fall, spring

Introduction to the uses of accounting information focusing on the evolution of the business cycle and how accounting information is used for internal and external purposes. Prerequisites: a grade of "C" (2.00) or better in ACC 230; sophomore standing.

ACC 250 Introductory Accounting Lab (1)

fall, spring

Procedural details of accounting for the accumulation of information and generation of reports for internal and external users. Lab. Prerequisites: ACC 230; sophomore standing.

ACC 326 External Financial Reporting I (3)

fall, spring

Theory, U.S. standards, and practice applicable to financial statements, revenue recognition, and assets. Prerequisite: ACC 250 or equivalent.

ACC 327 External Financial Reporting II (3)

fall, spring

Theory, U.S. standards, and practice applicable to equities, cash flow statement, earnings per share, leases, pensions, and other essential topics. Prerequisite: ACC 326.

ACC 336 Cost Management and Control (3)

fall, spring

Concepts and principles for product costing, planning and control, and internal decision making. Prerequisite: previous course work in managerial accounting or permission of director.

ACC 346 Information Systems Management (3)

fall, spring, summer

Information requirements and transaction processing for integrated accounting systems emphasizing database systems analysis and design, controls, and computer processing. Prerequisite: previous course work in information systems or permission of director.

ACC 356 Income Tax Accounting (3)

fall, spring

Public policy concepts and rules of federal income tax for all taxpayers. Individual tax returns and use of tax software. Prerequisite: ACC 326.

ACC 361 Accounting Technology (3)

fall, spring

Use and understanding of a computerized accounting package and other software for accounting applications. Prerequisite: ACC 326, 336, 346.

ACC 410 Contemporary Financial Reporting (3)

fall, spring

Topics covered are financial statements, roles and effects of accounting information in society, policy setting, managers' choice of accounting techniques. Cannot be used for major credit in Accountancy. Prerequisite: FIN 301.

ACC 426 Advanced Reporting: Consolidation, International, and Not-for-Profit Topics (3)

fall, spring

Consolidated financial statements, not-for-profit accounting, and international accounting standards and topics including foreign currency transactions and translation. Prerequisite: ACC 326.

ACC 436 Advanced Topics in Cost Management (3)

selected semesters

Issues in contemporary manufacturing environments. Topics include cost estimation, activity-based management, just-in-time inventories, budgeting, and variances. Prerequisite: ACC 326, 336.

ACC 456 Advanced Taxation (3)

spring

Advanced problems in business and fiduciary income tax. Formation, operation, and liquidation of corporation and partnerships. Use of research software. Prerequisite: ACC 356.

ACC 476 External Auditing (3)

fall, spring

Theory and standards underlying the attestation process. Topics include evidence gathering, analysis, and reporting. Also, development of professional judgment skills. Prerequisites: ACC 327, 346.

ACC 477 Internal Auditing (3)

spring

Contemporary issues and practices of internal auditing. Standards and process of management/operation audits. Prerequisite: ACC 326, 346.

ACC 478 Governmental and Not-for-Profit Accounting (3)

selected semesters

Accounting and reporting systems for governmental entities, health-care organizations, colleges and universities, and other nonprofit organizations. Prerequisite: ACC 326.

ACC 484 Accounting Internship (3)

fall, spring, summer

Undergraduate and postbaccalaureate students are eligible to apply for internship positions designed to provide experience in the areas of accounting, tax, and internal and external auditing. Placements are made in organizations throughout the metropolitan Phoenix area. Prerequisites: vary depending on the nature of the internship.

ACC 502 Corporate Financial Reporting (3)

fall, spring, selected summers

Contemporary financial accounting and reporting systems with emphasis on the interpretation and evaluation of a company's external financial reports.

ACC 503 Managerial Accounting and Cost Control (3)

fall, spring, selected summers

Managerial accounting concepts and procedures for internal reporting applied to the decision making activities of the professional managers. Prerequisite: ACC 502.

ACC 591 Seminar (3)

selected semesters

Business Administration

BUS 591 Seminar (3)

selected semesters

Computer Information Systems

CIS 200 Computer Applications and Technology (3)

Introduction to business information systems and the use of business application software. Prerequisite: MAT 117 or higher. General studies: CS.

CIS 502 Information Systems Concepts in Practice (3)

fall, spring, selected summers

Organizational, strategic, and technical issues of the management of information. Evaluation, design, and use information systems as competitive advantage.

CIS 591 Seminar (3)

selected semesters

Economics

ECN 111 Macroeconomic Principles (3)

fall, spring

Basic macroeconomic analysis. Economic institutions and factors determining income levels, price levels, and employment levels. General studies: SB.

ECN 112 Microeconomic Principles (3)

fall, spring

Basic microeconomic analysis. Theory of exchange and production, including the theory of the firm. General studies: SB.

ECN 494 Special Topics (3)

selected semesters

Current topics of interest in economics, i.e., managerial economics, microeconomic policy issues, etc.

Prerequisite: instructor approval.

ECN 502 Business Economics (3)

fall, spring, selected summers

Impact of the economic environment on business.

Tools and techniques of economic analysis used in marketing, finance, and strategy. Prerequisite: QBA 502 recommended.

ECN 591 Seminar (3)

selected semesters

Finance

FIN 301 Fundamentals of Finance (3)

fall, spring, summer

Introduction to the basic concepts, principles and tools of financial management. Prerequisites: Managerial Accounting; ECN 112; QBA 221.

FIN 410 Investments (3)

fall, spring

Strategies and mechanics of investing in stocks, bonds, and derivatives. Topics include investment selection, portfolio management, financial markets and institutions. Prerequisite: FIN 301 with a grade of "C" (2.00) or higher.

FIN 411 International Finance (3)

fall, spring

Explores the environmental challenges facing financial managers in global financial markets and develops tools and techniques to meet such challenges. Prerequisites: FIN 301; GLB 301.

Key to General Studies

Credit Abbreviations

L Literacy and critical inquiry core courses

MA Mathematics core courses

CS Computer/statistics/quantitative applications core courses

HU Humanities and fine arts core courses

SB Social and behavioral sciences core courses

SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

FIN 412 Financial Management (3)*fall, spring*

In-depth extension of core finance course. Typical topics include financial planning/control, risk and valuation, capital budgeting. Prerequisites: FIN 301. Pre or Corequisite: ACC 326 or 410 with a grade of "C" (2.00) or higher.

FIN 502 Financial Decision Analysis (3)*fall, spring, selected summers*

This course develops analytical techniques and financial theories used to make optimal decisions in a corporate setting. Prerequisites: ACC 502; ECN 502; QBA 502.

FIN 591 Seminar (3)*selected semesters***Global Business****GLB 301 Business in the Global Environment (4)***fall, spring*

Discussion of multinational corporate strategy, structure, and operations and the social and economic factors affecting global business. General studies: G.

GLB 302 Culture and Diversity Management (3)*fall, spring*

Develops an understanding of culture (individual, organizational, national, subcultural, transnational and global) and change and interaction applied to management decisions. Prerequisites: MGT 301.

GLB 303 Relationship Management (3)*fall, spring*

Overviews types of relationships found in organizations, then trains students in the interpersonal skills necessary to manage those relationships effectively.

GLB 401 Global Business Integration (4)*fall, spring*

Provides an integrative framework for global corporate strategic analysis and opportunities for integrated decision making in actual and simulated businesses.

Prerequisites: all 300 level business core courses; GLB 302 and 303 may be taken concurrently; ENG 101 (or 105). General studies: L.

GLB 411 Global Competitiveness (4)*fall, spring*

Discusses factors contributing to international competitive success of nation-states, national industries, and specific firms. Includes detailed analysis of actual firms.

Prerequisite: GLB 301 with a grade of "C" (2.00) or higher.

Human Resources Management**HRM 411 Reward Systems and Compensation (4)***fall, spring*

Understanding performance management including organizational strategies and objectives, reward systems, performance measurement, appraisal, counseling, promotion process. Industry-based project required. Prerequisite: MGT 301 with a grade of "C" (2.00) or higher.

HRM 412 Staffing and Development (4)*fall, spring*

An examination of recruiting, selection, training, orientation, and career development issues. Prerequisite: MGT 301 with a grade of "C" (2.00) or higher.

Information Systems Management**ISM 410 Client/Server Systems (4)***fall, spring*

Concepts and skills for developing client application software, emphasizing programming concepts, logic constructs, and user interface design issues.

Prerequisite: ACC 346 with a grade of "C" (2.00) or higher.

ISM 411 Distributed Client Development/Deployment (4)*fall, spring*

Developing distributed client applications, including an emphasis on distributed design, security, workflow, and transaction definition. Prerequisite: ISM 410 with a grade of "C" (2.00) or higher.

ISM 412 Managing the Information System Resource (4)*fall, spring*

Theory and practice of managing the organization's information system resources. Students complete a project as part of a multi-disciplinary team.

Prerequisite: ISM 411 with a grade of "C" (2.00) or higher.

Legal and Ethical Studies

LES 306 Business Law (3)

spring

Legal and ethical aspects of contracts, sales, commercial paper, secured transactions, documents of title, letters of credit, and bank deposits and collections.

LES 579 Legal and Ethical Studies (3)

fall, spring, selected summers

Managerial decision making within the bounds of ethics, social responsibility, and legal and regulatory constraints. Course has strong international focus. Prerequisites: ECN 502; MGT 502; MKT 502, QBA 502.

Management

MGT 301 Principles of Management (3)

fall, spring

Introduces the theoretical and practical foundations of organizations with a focus on individuals, groups, and organizational systems. Prerequisites: one course in Psychology (social and behavioral); one course in Sociology.

MGT 411 Leading Organizations (4)

fall, spring, summer

A comprehensive overview of leadership in organizations. Provides students with understanding of leadership research and its applications to global organizations and the development of leaders.

MGT 412 Managing Human Resources (4)

fall, spring, summer

An overview of domestic and global human resources management topics pertinent to managers and first-line supervisors, as well as those with interest in human resources management. Prerequisite: MGT 301.

MGT 494 Special Topics (3)

fall, spring

Chosen from topics in human resources, strategic management, and international management, including seminars in international management in Asia or Europe, etc.

MGT 502 Managing People and Organizations (3)

fall, spring, selected summers

Understanding human side of organizations through management theories and applications. Developing knowledge and skills for successful management of self and others.

MGT 589 Global Strategic Management (3)

fall, spring, selected summers

The interaction among the strategic forces within a corporation with the competitive forces in the global environment from the perspective of the CEO. Prerequisites: ACC 503; FIN 502; LES 579; MGT 502; MKT 502; completion of at least 30 hours of program of study credits. Corequisites: MGT 593.

MGT 591 Seminar (3)

selected semesters

MGT 593 Applied Project (3)

selected semesters

Corequisites: MGT 589.

Marketing

MKT 301 Fundamentals of Marketing (3)

fall, spring, summer

Examines the role and process of marketing within the society, economy, and business organization. Prerequisite: ECN 112.

MKT 410 Consumer Behavior (4)

fall, spring

Application of social, cultural, and behavioral concepts for analyzing consumer behavior with implications for marketing strategy and marketing communication strategy. Prerequisite: MKT 301.

MKT 413 Marketing Research Concepts and Practice (4)

fall, spring

Research techniques for collecting, analyzing, and interpreting marketing information. Includes design and completion of a client-sponsored, industry-based research project. Prerequisites: MKT 301; QBA 221.

MKT 414 Global Strategic Marketing (4)

fall, spring

Examines marketing and marketing communication strategy development, and evaluation in the context of global markets and organizational objectives. Prerequisites: GLB 301; MKT 301.

MKT 502 Strategic Marketing (3)

fall, spring, selected summers

Marketing concepts and philosophy and their importance to strategic decision making, general management, and organizational success; market and environmental analyses.

Key to General Studies

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SG Natural sciences-general core courses

SQ Natural sciences-quantitative core courses

C Cultural diversity in the United States courses

G Global awareness courses

H Historical awareness courses

, and / or

MKT 591 Seminar (3)
selected semesters

MKT 593 Applied Project (3)
selected semesters
Prerequisites: MKT 502.

Operations and Production Management

OPM 301 Operations Management (3)

fall, spring
Introduction to the management of service and manufacturing conversion processes with emphases on quality management and computer applications. Prerequisites: Managerial Accounting; ECN 112; QBA 221.

OPM 502 Management of Operations Technology (3)

fall, spring, selected summer
Design, control, and improvement of operations technology. Concepts and modeling tools required for strategic decisions in manufacturing and service operations. Prerequisites: QBA 502.

OPM 591 Seminar (3)
selected semesters

Quantitative Business Analysis

QBA 221 Statistical Analysis (3)

fall, spring
Methods of statistical description. Application of probability theory and statistical inference in business. Prerequisite: MAT 119. General studies: CS.

QBA 502 Managerial Decision Making (3)

fall, spring, selected summers
Fundamentals of qualitative and quantitative analysis to aid management decision making in a competitive and uncertain environment. Prerequisites: MAT 210 or equivalent; general computer proficiency in Microsoft Excel.

QBA 591 Seminar (3)

selected semesters

Omnibus courses: See [page 55](#) for omnibus courses that may be offered.

270 *Administration*

271 *Faculty and Academic Professionals*

Administrative and Academic Personnel

Arizona Board of Regents:

Ex Officio

Janet Napolitano,
Governor of Arizona
Tom Horne,
Superintendent of Public
Instruction

To January 2006

Chris Herstam
Jack Jewett

To January 2008

Christina Palacios
Gary L. Stuart

To January 2010

Fred T. Boice
Robert B. Bulla

To January 2012

Ernest Calderón
Lorraine Frank

Student Regent

To June 2006

Benjamin Graff

Executive Director

Joel Sideman



Administration

Michael M. Crow, President, Arizona State University; Professor of Public Affairs; BA, Iowa State University; PhD, Maxwell School, Syracuse University.

Mark S. Searle, Vice President, ASU; Provost, West campus; Professor of Recreation and Tourism Management; BA, University of Winnipeg (Canada); MS, University of North Dakota; PhD, University of Maryland

Michael A. Awender, Interim Vice Provost for Academic Affairs; Professor, Department of Graduate Studies and Professional Development; BA, MA, University of Windsor (Canada); MEd, University of Toronto (Canada); PhD, Claremont Graduate School.

Barry R. Bruns, Interim Vice Provost for Administrative Affairs; Vice Provost for Planning and Budget; CPA; BS, MPA, Arizona State University

Carol A. Poore, Vice Provost for Public Relations; BS, MBA, Arizona State University

Leanne E. Atwater, Interim Dean, School of Global Management and Leadership; Professor, Department of Management; BA, MA, San Diego State University; PhD, Claremont Graduate School

Emily F. Cutrer, Dean, New College of Interdisciplinary Arts and Sciences; Professor, Department of Language, Cultures, and History; BA, MA, PhD, University of Texas, Austin

Lesley Di Mare, Interim Dean, College of Human Services; Associate Professor, Department of Communication Studies; BA, California State University, Chico; MA, California State University, Hayward; PhD, Indiana University, Bloomington

Marilyn Myers, Dean, Fletcher Library; Librarian; BA, MA, Kansas State University; MS, University of Illinois

Joseph M. Ryan, Interim Dean, College of Teacher Education and Leadership; Director, Research Consulting Center; Professor, Department of Graduate Studies and Professional Development; AB, MEd, Boston College; PhD, University of Chicago

Faculty and Academic Professionals

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Anderson, Laurel A.

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Anderson, Owen

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Anokye, Akua Duku

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Armstrong, Gaylene S.

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Ávalos, Manuel

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Awender, Michael A.

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B

Baldwin, Bruce A.

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Balthazard, Pierre A.

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Beckett, E. Carol

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Bellizzi, Joseph A.

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Berger, Roger L.

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Bernat, Frances P.

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Bixby, Patrick W.

(2004), Assistant Professor, Department of Language, Cultures, and History; BA, University of California, Los Angeles; MA, California State University, Long Beach; PhD, Emory University

Brawley, E. Allan

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Bredbenner, Candice D.

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Brett, Joan F.

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Bristol, Terry

(2000), Assistant Professor, Department of Economics, Finance and Marketing; BS, MS, San Diego State University; PhD, Virginia Polytechnic Institute

Britt, Chester L. III

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Broaddus, Dorothy C.

(1990), Associate Professor, Department of Language, Cultures, and History; BA, Eastern Kentucky University; MEd, PhD, University of Louisville

Brown, Lee H.

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Buenker, Joe

(2000), Assistant Librarian, Fletcher Library; BA, University of Wisconsin-Parkside; MS, University of Illinois, Urbana

Burk, John E.

(2004), Lecturer, Department of Communication Studies; BA, Carroll College; MS, PhD, Southern Illinois University

Burleson, Mary H.

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Buscher, Dick

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Bushfield, Suzanne Y.

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Buss, Ray R.

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Byam, L. Dale

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De La Cruz, Yolanda

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Dennis, Douglas E.

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Deutch, Charles E.

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farrelly, deg

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Fitzpatrick, Tanya R.

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Foster, Will

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French, Kathryn J.

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Griffin, Marie

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Kelley, Douglas L.

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(2003), Assistant Professor, Department of Social Work; BS, Brigham Young University; MSW, University of Utah; PhD, University of California, Berkeley

Lowe, D. Jordan

(2003), Associate Professor, Department of Accounting and Information Systems Management; BS, MAcc, Brigham Young University; PhD, Arizona State University

Lowe, Gary R.,

(2004), Professor and Chair, Department of Social Work; BA, University of North Carolina, Chapel Hill; BSW, University of Denver; PhD, University of Iowa

M**Macfie, Brian P.**

(2004), Lecturer, Department of Economics, Finance, and Marketing; BA, Seton Hall University; MA, MS, MA, Rutgers, The State University of New Jersey; MBA, Monmouth College

Malian, Ida M.

(1990), Professor and Chair, Department of Special Education; Interim Chair, Department of Graduate Studies and Professional Development; BA, Oakland University; MA, PhD, University of Michigan

Marshall, Pamela A.

(2003), Assistant Professor, Department of Integrated Natural Sciences; BS, Southern Methodist University; PhD, University of Texas Southwestern Medical Center, Dallas

McCabe, Deborah Brown

(2004), Assistant Professor, Department of Economics, Finance, and Marketing; BA, MA, California State University, Hayward; PhD, Arizona State University

McCabe, James

(2000), Assistant Professor, Department of Social Work; BA, St. Ambrose College; MPH, MSW, University of Hawaii; DSW, University of California, Berkeley

McGovern, Thomas V.

(1990), Professor, Department of Integrative Studies; AB, Fordham University; MA, PhD, Southern Illinois University, Carbondale

McKennon, Edward

(2000), Assistant Librarian, Fletcher Library; BA, Rutgers University; MA, University of Arizona

McQuiston, Dawn E.

(2003), Assistant Professor, Department of Social and Behavioral Sciences; BS, Eastern New Mexico University; MA, PhD, University of Texas, El Paso

Meân, Lindsey J.

(2003), Assistant Professor, Department of Communication Studies; BSc, Plymouth Polytechnic (United Kingdom); PhD, University of Sheffield (United Kingdom)

Mengesha, Astair Gebre Mariam

(1991), Associate Professor and Chair, Women's Studies Program; BA, Purdue University; MA, Michigan State University; PhD, Iowa State University

Mesquita, Luiz F.

(2003), Assistant Professor, Department of Management; BS, University of São Paulo (Brazil); MS, PhD, Purdue University

Messner, Kyle Ann

(2004), Lecturer, Department of Elementary Education; BA, Lycoming College; MEd, PhD, Arizona State University

Meznar, Martin

(1994), Associate Professor, Department of Management; BA, BS, Bryan College; MS, University of Texas, Dallas; PhD, University of South Carolina

Miller, Paul A.

(1988), Associate Professor, Department of Social and Behavioral Sciences; BS, Saint Vincent College; MS, North Carolina State University, Raleigh; MA, PhD, University of Texas, Austin

Mizzi, Philip J.

(1988), Associate Professor, Department of Economics, Finance, and Marketing; BA, Rockford College; PhD, Texas A&M University

Mohan, Srimathy

(1999), Assistant Professor, Department of Management; BS, MS, University of Alabama, Tuscaloosa; MS, Massachusetts Institute of Technology; PhD, University of Montreal (Canada)

Montaño, Henry

(2000), Lecturer, Department of Social Work; BA, California State University, Northridge; MSW, University of California, Los Angeles

Moore, David W.

(1989), Professor, Department of Secondary Education; BA, MEd, University of Arizona; PhD, University of Georgia

Morris, Richard

(1999), Professor, Department of Communication Studies; BA, San Jose State University; MA, PhD, University of Wisconsin, Madison

Moulton, Ian F.

(1995), Associate Professor, Department of Language, Cultures, and History; BA, University of Manitoba, Winnipeg (Canada); MA, University of Western Ontario (Canada); PhD, Columbia University

Mueller, Carol M.

(1988), Professor and Interim Chair, Department of Social and Behavioral Sciences; BA, University of California, Berkeley; MA, Rutgers, The State University of New Jersey; PhD, Cornell University

Muller, Barbara J.

(1991), Senior Lecturer, Department of Accounting and Information Systems Management; BS, MBA, Arizona State University

Murphy Erfani, Julie A.

(1989), Associate Professor, Department of Social and Behavioral Sciences; BA, Knox College; MA, PhD, University of Minnesota, Twin Cities

Myers, Marilyn

(1987), Librarian and Dean, Fletcher Library; BA, MA, Kansas State University; MS, University of Illinois

N**Nadesan, Majia H.**

(1994), Associate Professor, Department of Communication Studies; BA, MA, San Diego State University; PhD, Purdue University

Nadir, P. Aneesah

(1994), Assistant Professor, Department of Social Work; BSW, Adelphi University; MSW, PhD, Arizona State University

Nahavandi, Afsaneh

(1989), Professor, Department of Management; Interim Director, Division of Collaborative Programs; BA, University of Denver; MA, PhD, University of Utah

Náñez, José E. Sr.

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Nevin, Ann

(1991), Professor Emerita of Education; BA, Westminster College; MEd, University of Vermont; PhD, University of Minnesota, Twin Cities

Noronha, Gregory M.

(1995), Associate Professor, Department of Economics, Finance, and Marketing; BSE, University of Michigan; MBA, PhD, Virginia Polytechnic Institute and State University

O**Olander, George A.**

(2000), Lecturer, Department of Economics, Finance, and Marketing; BS, Xavier University, MBA, Pepperdine University

Onofrey, Karen A.

(2002), Assistant Professor, Department of Elementary Education; BS, Westfield State College; MEd, American International College; PhD, University of Arizona

P**Pagán, Eduardo Obregón**

(2004), Associate Professor and Chair, Department of Language, Cultures, and History; BA, Arizona State University; MA, University of Arizona; MA, PhD, Princeton University

Painter, Suzanne R.

(1995), Associate Professor, Department of Graduate Studies and Professional Development; BS, Eastern Oregon State College; MEd, PhD, University of Oregon

Pambuccian, Victor V.

(1994), Associate Professor, Department of Integrative Studies; Baccalaureat, German Lyceum (Romania); MS, University of Bucharest (Romania); PhD, University of Michigan

Perry, Eleanor A.

(1996), Associate Professor, Department of Graduate Studies and Professional Development; BA, Douglas College; MEd, Rutgers, The State University of New Jersey; PhD, University of Oregon

Persau, Linda

(1999), Lecturer, Department of Integrative Studies; Department Coordinator of Internships and Fieldwork; BA, University of California, Davis; MA, Ottawa University

Peterson, Suzanne J.

(2005), Visiting Assistant Professor, Department of Management; BA, University of Southern California; MBA, PhD, University of Nebraska, Lincoln

Plascencia, Luis F. B.

(2005), Assistant Professor, Department of Social and Behavioral Sciences; BA, San Diego State University; MA, PhD, University of Texas, Austin

Popp, Sharon Osborn

(2004), Assistant Professor, Department of Elementary Education; BS, Rutgers, The State University of New Jersey; MA, PhD, Arizona State University

Prosch, Marilyn

(2000), Associate Professor, Department of Accounting and Information Systems Management; Director, Undergraduate Global Business Programs and Assessment; BBA, University of Houston; PhD, Temple University

Puckett, Kathleen S.

(2004), Associate Professor, Department of Special Education; BS, MS, EdS, PhD, University of Tennessee

R**Raiser, Tiffany C.**

(2002), Lecturer, Department of Language, Cultures, and History; BA, Fu-Jen Catholic University (Taiwan); MA, Sussex University (United Kingdom); MEd, PhD, Arizona State University

Ramsey, R. Eric

(1994), Associate Professor, Department of Communication Studies; Associate Dean, Barrett Honors College; BA, Rutgers, The State University of New Jersey; MA, PhD, Purdue University

Reese, Ruth

(1988), Assistant Professor, Department of Elementary Education; BS, University of Wisconsin, Madison; MS, PhD, University of Wisconsin, Milwaukee

Renne, Dianne

(2000), Assistant Professor, Department of Special Education; BS, MS, University of Kansas; EdD, University of Kentucky

Ridley, Dale Scott

(1990), Associate Professor, Department of Elementary Education; BS, New Mexico State University; MA, PhD, University of Texas, Austin

Rillero, Peter

(1994), Associate Professor, Department of Secondary Education; BA, State University of New York, Buffalo; MA, Columbia University; PhD, Ohio State University

Rodriguez, Nancy

(1998), Assistant Professor, Department of Criminal Justice and Criminology; BS, Sam Houston University; PhD, Washington State University

Ruff, William G.

(2002), Assistant Professor, Department of Graduate Studies and Professional Development; BS, Colorado State University, Fort Collins; MA, Webster University; MA, EdD, University of Texas, San Antonio

Ryan, Joseph M.

(1995), Professor, Department of Graduate Studies and Professional Development; Interim Dean, College of Teacher Education and Leadership; Director, Research Consulting Center; AB, MEd, Boston College; PhD, University of Chicago

S**Sabatini, Arthur J.**

(1991), Associate Professor, Department of Interdisciplinary Arts and Performance; BA, MA, Ohio University; PhD, New York University

Sander-Staudt, Maureen

(2003), Assistant Professor, Department of Integrative Studies; BA, Alverno College; MA, University of Wisconsin, Milwaukee; PhD, University of Colorado, Boulder

Samuels, Janet A.

(2003), Assistant Professor, Department of Accounting and Information Systems Management; BBA, University of Wisconsin, Milwaukee; PhD, Arizona State University

Schmidtke, Paul C.

(1998), Senior Lecturer, Department of Integrative Studies; BS, Rose-Hulman Institute of Technology; PhD, Ohio State University

Schnebly, Stephen M.

(2004), Assistant Professor, Department of Criminal Justice and Criminology; BA, MA, Southern Illinois University, Carbondale; PhD, University of Missouri, St. Louis

Schuett, Gordon W.

(2004), Visiting Assistant Professor, Department of Integrated Natural Sciences; BA, University of Toledo; MS, Central Michigan University; PhD, University of Wyoming

Searle, Mark S.

(1995), Professor, Department of Recreation and Tourism Management; Vice President, ASU; Provost, West campus; BA, University of Winnipeg (Canada); MS, University of North Dakota; PhD, University of Maryland

Sen, Nilanjan

(1992), Associate Professor, Department of Economics, Finance, and Marketing; BA, Jadavpur University (India); MA, PhD, Virginia Polytechnic Institute

Shaffer, Jennifer N.

(2003), Assistant Professor, Department of Criminal Justice and Criminology; BA, University of Oklahoma; MA, PhD, Pennsylvania State University

Share, Jessica A.

(2004), Lecturer, Women's Studies Program; BA, Arizona State University

Shell, Leslee B.

(2001), Assistant Librarian, Fletcher Library; BA, Oklahoma State University; MLS, University of Arizona

Shirreffs, Janet H.

(1977), Professor Emerita of Human Services, BS, Ithaca College; MS, Syracuse University; PhD, Texas Woman's University

Shome, Raka

(1999), Assistant Professor, Department of Communication Studies; BA, University of Calcutta (India); PhD, University of Georgia, Athens

Silberman, Jonathan

(1992), Professor, Department of Economics, Finance, and Marketing; BS, Bowling Green State University; MS, PhD, Florida State University

Simmons, William P.

(2002), Assistant Professor, Department of Social & Behavioral Sciences; BA, University of Wisconsin, Milwaukee; MA, PhD, Louisiana State University

Singh, Chaitanya

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Solis, Francisco J.

(2003), Assistant Professor, Department of Integrated Natural Sciences; BS, Technological Institute of Pachuca (Mexico); MS, Center for Research and Advanced Studies (Mexico); PhD, University of Chicago

Soto, Leandro

(2002), Senior Lecturer and Artist in Residence, Department of Interdisciplinary Arts and Performance; BFA, National School for the Arts (Cuba); MFA, University of Havana (Cuba)

Sowell, Evelyn J.

(1990), Professor Emerita of Education; BA, Howard Payne College; MEd, Wichita State University; EdD, Northern Illinois University

St. Clair, Charles E.

(1991), Fine Arts Specialist, Department of Interdisciplinary Arts and Performance; BFA Fairmount Center for Creative and Performing Arts

Stage, Sarah J.

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Stancliff, Michael

(2004), Assistant Professor, Department of Language, Cultures, and History; BA, Albion College; MA, PhD, State University of New York, Buffalo

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(1969), Professor Emeritus of Education; BS, MS, EdD, University of Kansas

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T

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W

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Waldron, Kathleen M.
(2002), Lecturer, Gerontology Program; BA, University of Dayton; MS, University of Texas, Dallas

Waldron, Vincent R.
(1992), Professor, Department of Communication Studies; BA, MA, University of Arizona; PhD, Ohio State University

Webb, Vincent J.
(1996), Professor, Department of Criminal Justice and Criminology; BA, University of Omaha; MA, University of Nebraska, Omaha; PhD, Iowa State University

Wertheimer, Eric H. R.
(1995), Associate Professor, Department of Language, Cultures, and History; BA, Haverford College; MA, PhD, University of Pennsylvania

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(1991), Professor, Department of Elementary Education; BA, Greenville College; MA, Goddard College; MA, PhD, University of Oregon

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Wilhelm, Lance A.
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(1999), Associate Professor and Chair, Department of Communication Studies; BA, Trinity University; MA, PhD, University of Illinois, Urbana-Champaign

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Zorita, Paz Méndez-Bonito

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CAMPUS DIRECTORY (AREA CODE 602)

DEPARTMENT	LOCATION	TELEPHONE
Academic Affairs	FAB N301	543-4500
Academic Programs and Graduate Studies	FAB S301	543-4567
Academic Units (Administrative and Faculty Offices)		
Barrett Honors College	UCB 201	543-3410
College of Human Services	FAB S105A	543-6600
Communication Studies, Department of	FAB S141C	543-6606
Criminal Justice and Criminology, Department of	FAB S323	543-6607
Gerontology Program	FAB S121	543-6642
Master of Arts in Communication Studies	FAB S116-1	543-6266
Master of Arts in Criminal Justice	FAB S270C-2	543-6225
Master of Social Work	FAB S149	543-4679
Nursing	FAB S331-1	543-6605
Recreation and Tourism Management, Department of	FAB S115A	543-6603
Social Work, Department of	FAB S126	543-6602
College of Teacher Education and Leadership	FAB S200L-1	543-6300
Elementary Education, Department of	FAB S218	543-6315
Secondary Education, Department of	FAB S251A	543-6445
Special Education, Department of	FAB S252	543-6380
Graduate Studies and Professional Development, Department of	FAB S220	543-3634
New College of Interdisciplinary Arts and Sciences	FAB N201	543-6000
Applied Computing Program	FAB N230F	543-4223
Applied Science Program	FAB N206	543-4BAS
Ethnic Studies Program	FAB N205A	543-6007
Integrated Natural Sciences, Department of	CLCC 217	543-6050
Integrative Studies, Department of	FAB N279	543-6003
Interdisciplinary Arts and Performance, Department of	FAB N290A	543-6057
Language, Cultures, and History, Department of	FAB N220	543-6090
Master of Arts in Interdisciplinary Studies	FAB N201F	543-6241
Religious Studies Program	FAB N221	543-6093
Social and Behavioral Sciences, Department of	FAB N250	543-6058
Women's Studies Program	FAB N291	543-3300
School of Global Management and Leadership	FAB N101	543-6200
Accounting and Information Systems Management, Department of	FAB S190	543-6275
Economics, Finance, Marketing and Quantitative Business Analysis, Department of	FAB N120-A	543-6101
Management, Department of	FAB N120-D	543-6204
Master of Business Administration (MBA) Program	FAB N151	543-6201
Admission Services	UCB 120	543-8203
Associated Students of ASU's West campus	UCB 226	543-8186
ASU's West campus		543-5500
Auxiliary Services	UCB 267	543-7700
A.V. Equipment	FAB S319	543-HELP
Bookstore	UCB 140	543-6800
Campus Advising Center	UCB 201	543-WCAC
Child Development and Family Studies Center	UCB N190	543-5437
Collaborative Program, Division of	UCB 201	543-4600
Copy Center	FAB B23	543-5575
Credit Union (Arizona State Savings & Credit Union)	WIB	644-4620
Events and Meeting Services	UCB 260	543-7740
Facilities Management	CTRSV	543-3200
Financial and Auxiliary Services	FABNX 136	543-7707
Cashier	UCB 101	543-6709
Student Accounts	UCB 101	543-6708
Accounts Receivable	UCB 101	543-6709
Registration Fee Payment	UCB 101	543-6708
Student Aid Disbursement	UCB 101	543-6708
Freshman Experience Office	UCB 201	543-4600
Food Services	UCB & Sands	543-FOOD
Graduate Studies	FAB S301	543-4567

CAMPUS DIRECTORY (AREA CODE 602)

DEPARTMENT	LOCATION	TELEPHONE
Honors College, Barrett	UCB 201	543-4503
Human Resources	FABNX	543-8400
Information Desk	FAB Lobby	543-5500
Information Desk	UCB Lobby	543-5505
Instructional Television	SANDS 212	543-5595
IT Helpline	CLCC 296	543-HELP
Library, Fletcher	FLHLB	543-8501
Learning Enhancement Center	FLHLB LL2	543-6151
Lost and Found	UCB 160	543-5505
Mail Services	CTRSV	543-POST
Parking Services		
Decals, General Information	WIB 101	543-PARK
Appeals	WIB 101	543-3252
Provost	FAB N303	543-7000
Public Affairs	FAB S361	543-5300
Public Safety, Department of		
Emergency Fire, Police & Medical		911
Other services	CTRSV	543-3456
Research Consulting Center/Statistics Lab	CLCC 107	543-6117
Residency Classification	UCB 120	543-8203
Room Scheduling	UCB 260	543-7751
Student Affairs		
Administration, Dean of Students	UCB 301	543-8152
Admission Services	UCB 120	543-8203
Career Services and Personal Counseling Center	UCB 320	543-8124
Disability Resource Center	UCB 130	543-8145
TDD (Telecommunication Device for Deaf)		543-4327
Financial Aid Services	UCB 120	543-8178
International Student Services Programs	UCB 220	543-8201
Multicultural Student Services	UCB 220	543-8148
Native American Student Services Programs	UCB 220	543-8138
Recruitment and Outreach	UCB 105	543-8550
Registration Services	UCB 120	543-8203
Residential Life (Las Casas)	LCR	543-CASA
Student Employment	UCB 120	543-8178
Student Health Services	UCB 170	543-8019
Student Life	UCB 221	543-8200
Technical Support & Analysis	UCB 304	543-8107
Testing Services	WIB 102	543-8136
TRiO Student Support Services Program	UCB 220	543-8121
Veteran Student Services	UCB 120	543-8220
Technopolis	FLHLB/Lower Level	543-8278
University-College Center	UCB 201	543-4222
Vending Machines, Problems and Refunds	FAB/UCB Lobby	543-5505
Wellness and Fitness Facility	UCB B119A/Lower Level	543-3488
Women's Studies Resource Center	UCB 323	543-3421

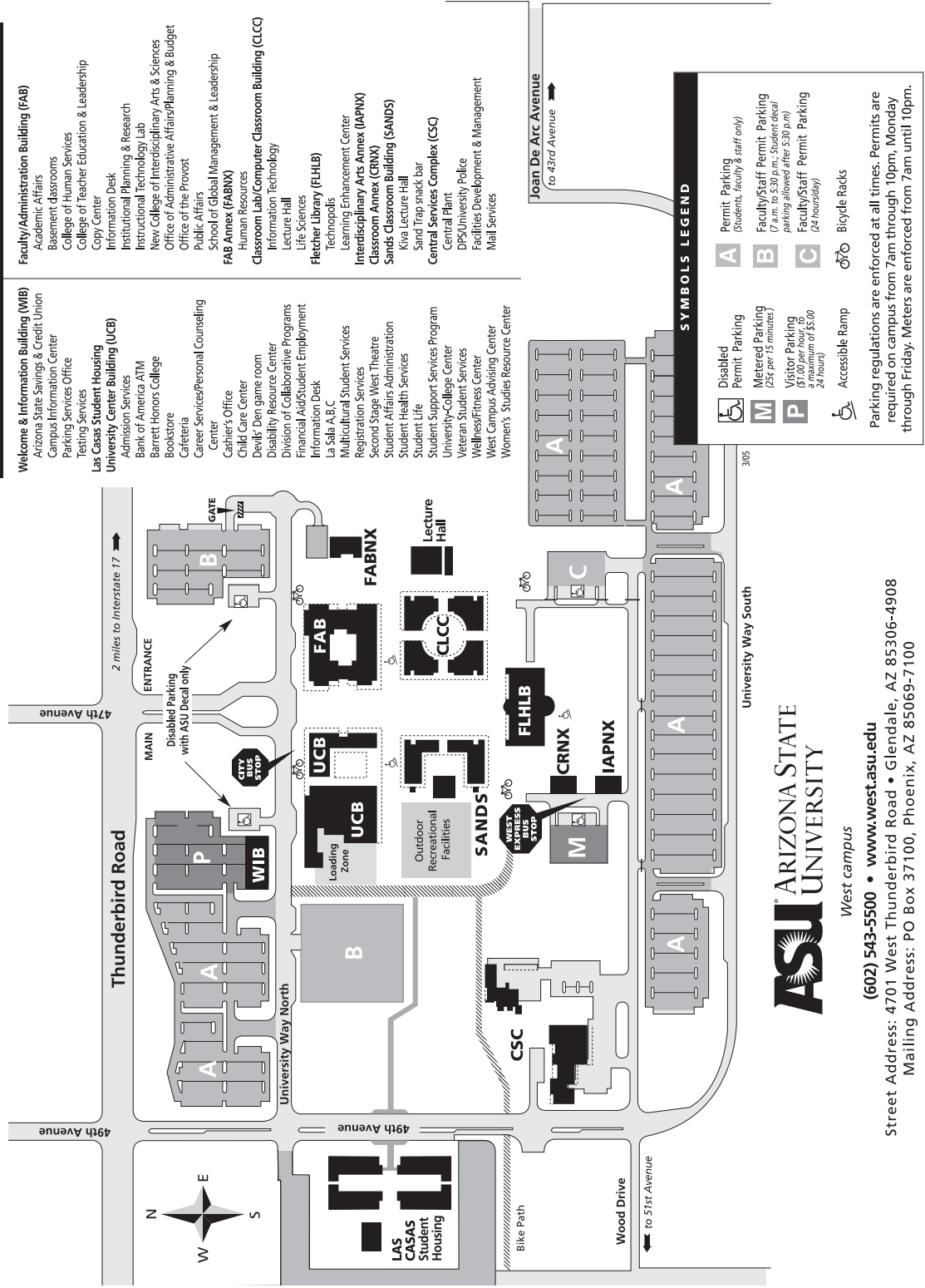
Building Codes

Classroom Lab/Computer Classroom Building CLCC
 Classroom Annex CRNX
 Central Services Complex CSC
 Faculty and Administration Building FAB
 Faculty and Administration Building Annex FABNX

Fletcher Library FLHLB
 Interdisciplinary Arts and Performance Annex IAPNX
 Las Casas Welcome and Community Center LCR
 Sands Classroom Building SANDS
 University Center Building UCB
 Welcome and Information Building WIB

WEB DIRECTORY

DEPARTMENT	WEB ADDRESS
ASU's West campus	www.west.asu.edu
Academic Affairs	westgi.west.asu.edu/acadaffairs
Academic Calendar	www.west.asu.edu/registrar/acalendar.htm
Admission and Enrollment Services	www.west.asu.edu/admissions
Associated Students of ASU's West campus	www.west.asu.edu/asasuw
Bookstore	bookstore.asu.edu
Catalog	westgi.west.asu.edu/acadaffairs/curriculum/catalog.cfm
Campus Advising Center	www.west.asu.edu/wcac1.htm
Campus Links	
ASU's Tempe campus	www.asu.edu
ASU's East campus	www.east.asu.edu
Calendar of Events	www.west.asu.edu/calendar
Career Services and Personal Counseling	www.west.asu.edu/cspc
Clubs and Organizations	www.west.asu.edu/studentlife
Collaborative Programs, Division of	www.west.asu.edu/dcp
Colleges/Schools	
Barrett Honors College	westgi.west.asu.edu/honors
College of Human Services	www.west.asu.edu/chs
College of Nursing	nursing.asu.edu
College of Teacher Education and Leadership	www.west.asu.edu/coe
New College of Interdisciplinary Arts and Sciences	www.west.asu.edu/newcollege
School of Global Management and Leadership	www.west.asu.edu/som
Course Descriptions	www.asu.edu/aad/catalogs/courses/
Credit Union (Arizona State Savings & Credit Union)	www.azstcu.org
Disability Resource Center	www.west.asu.edu/drc
Financial Aid Services	www.west.asu.edu/financialaid
Food Services	www.west.asu.edu/adaff/auxs/food_services
Freshman Experience Office	www.west.asu.edu/dcp
Graduate Studies	westgi.west.asu.edu/acadaffairs/gradstudies
Human Resources	www.west.asu.edu/adaff/hr/hr.html
Information Technology	www.west.asu.edu/it
International Student Support Services	www.west.asu.edu/international
Learning Enhancement Center	www.west.asu.edu/lec
Library Services	library.west.asu.edu
Majors and Degree Programs	www.west.asu.edu/acprogs
Multicultural Student Services	www.west.asu.edu/multicultural
Native American Student Services Programs	www.west.asu.edu/nativeamerican
Parking Services	www.west.asu.edu/adaff/auxs/parking
Provost	westgi.west.asu.edu/acadaffairs/provost
Recruitment and Outreach Services	www.west.asu.edu/recruitment
Registration and Online Services	www.west.asu.edu/registrar
Research Consulting Center/Statistics Lab	www.west.asu.edu/rcc
Residency Classification	www.asu.edu/registrar/residency
Residential Life (Las Casas)	www.west.asu.edu/lascasas
Schedule of Classes	www.west.asu.edu/registrar
Student Accounts	www.west.asu.edu/adaff/fas/finstud.htm
Student Affairs	www.west.asu.edu/sa
Student Employment	www.asu.edu/fa/studemp
Student Handbook	www.west.asu.edu/studenthandbook
Student Health Services	www.west.asu.edu/studenthealth
Student Life	www.west.asu.edu/studentlife
Veteran Services	www.west.asu.edu/veteran
Wellness and Fitness Facility	www.west.asu.edu/adaff/auxs/fitness



ASU ARIZONA STATE UNIVERSITY

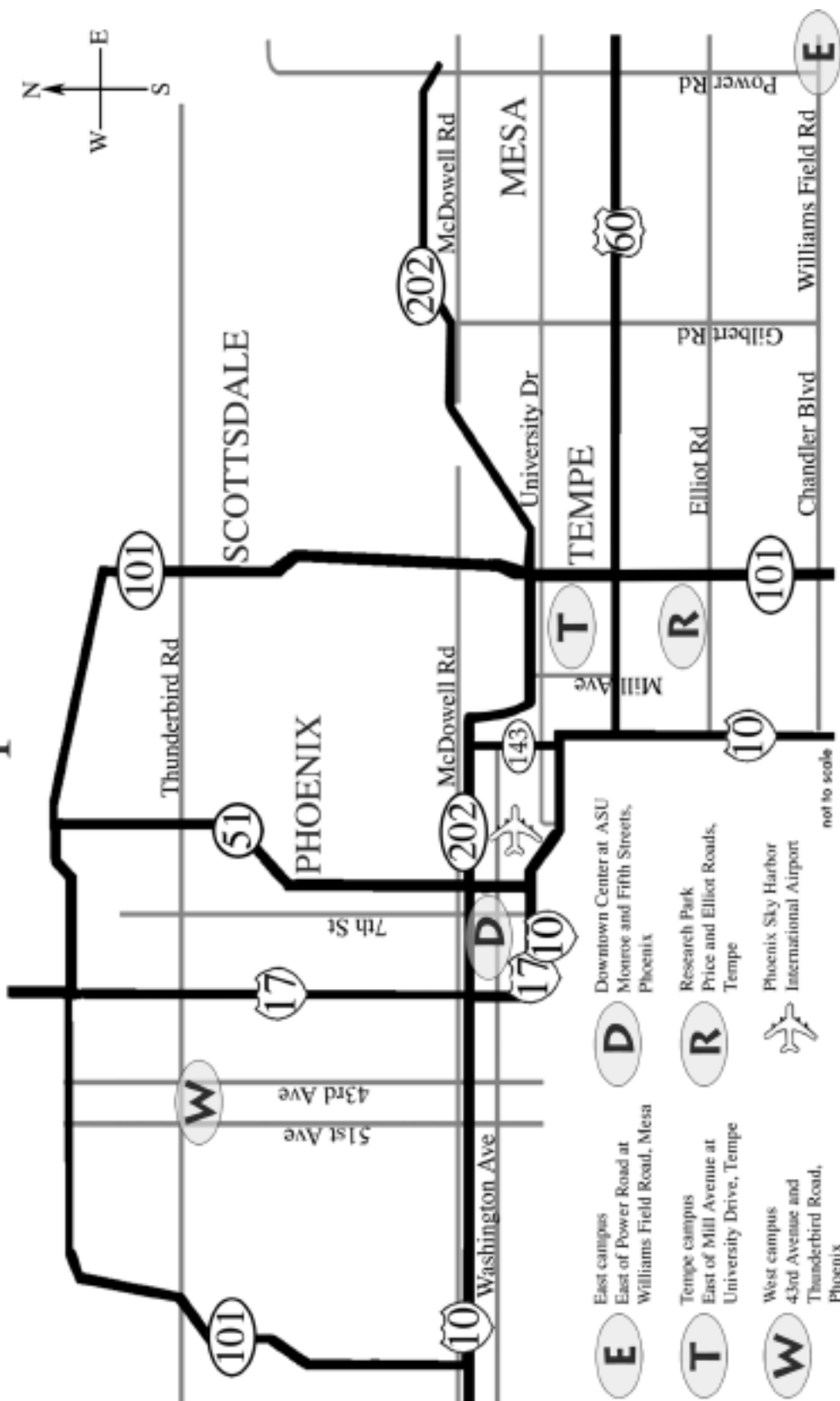
West campus

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Mailing Address: PO Box 37100, Phoenix, AZ 85069-7100

ASU Campus Locations



E

East campus
East of Power Road at
Williams Field Road, Mesa

T

Tempe campus
East of Mill Avenue at
University Drive, Tempe

W

West campus
43rd Avenue and
Thunderbird Road,
Phoenix

D

Downtown Center at ASU
Monroe and Fifth Streets,
Phoenix

R

Research Park
Price and Elliot Roads,
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Phoenix Sky Harbor
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