

Minors, Certificates, and Interdisciplinary Studies

Interdisciplinary studies are available to students through an interdisciplinary degree, such as the Bachelor of Interdisciplinary Studies, or an extensive choice of minors or certificates that may be taken in conjunction with other majors. Since interdisciplinary studies provide skills that support employment in a rapidly changing workplace, students are encouraged to consider these options. Consult the academic advisor in your major about the impact of enrolling in a minor or certificate program.

MINORS

A minor is an approved, coherent concentration of academic study in a single discipline, involving substantially fewer hours of credit than a corresponding major. Most ASU colleges offer undergraduate minors in addition to majors; see the “ASU Minors” table, page 104.

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

A student wishing to pursue a specific minor should consult an academic advisor in the unit offering that minor to ensure that an appropriate set of courses is taken.

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

CERTIFICATES

Students may pursue some certificate programs along with a major and other certificate programs independently. Graduate certificates and postbaccalaureate certificates are available to students who already hold a bachelor’s degree. For more information, see the “ASU Undergraduate Certificates” table, page 105; “ASU Postbaccalaureate Certificates” table, page 106; and “ASU Graduate Certificates” table, page 106. Graduate certificates constitute graduate work; postbaccalaureate certificates are distinct from graduate certificates and are an extension of the undergraduate curriculum.

CONCURRENT AND DUAL DEGREES

Graduate students have the opportunity to pursue more than one degree at the same time as part of an organized program. For more information, see the “Concurrent and Dual Degrees” table, page 517, and the *Graduate Catalog*.

INTERDISCIPLINARY STUDIES

Bachelor of Interdisciplinary Studies. For information about the Bachelor of Interdisciplinary Studies at ASU Main or ASU East, see “Bachelor of Interdisciplinary Studies,” page 108, or “Interdisciplinary Studies—B.I.S.,” page 620.

Energy Studies. An expanding instructional and research involvement in energy matters exists through the following three curricular paths:

1. general studies, which emphasize energy as an elective beyond the scope of a chosen major (for more information, call 480/965-4548);
2. specific studies in the College of Architecture and Environmental Design, for those pursuing the Master of Architecture degree and the Master of Science degree in Building Design; and
3. specific studies in the College of Engineering and Applied Sciences, usually for those seeking a degree in a branch of engineering.

Environmental Studies. The Center for Environmental Studies encourages and coordinates interdisciplinary environment-related activities in the natural and social sciences within the university. The center sponsors special courses, conferences, and workshops on environmental topics. Drawing from faculty and students throughout the university, the center participates in research and community programs relating to environmental problem areas. It does not formally offer courses or a degree program. For more information, see “Center for Environmental Studies,” page 35.

Film Studies. The Film Studies Program exists not only to provide information and experience but also to serve as a means of creative expression for the student and as a useful subject and tool in teaching. The program is not designed to produce professional filmmakers, but it may provide practical preparation for students desiring further film study in other institutions.

Inquiries about this program should be directed to the Film Studies coordinator, at 480/965-7644.

Gerontology. The Gerontology Program brings together faculty from several disciplines to teach courses related to adult development and aging, to collaborate on gerontological research, and to participate in projects of service to older adults.

A certificate at the postbaccalaureate level and an undergraduate minor are available in Gerontology. The certificate consists of 24 semester hours—12 hours of required course work and 12 hours of electives. The minor consists of 18 semester hours—six hours of required course work and 12 hours of electives. Courses related to aging are taught throughout the university by faculty who are active contributors to research, theory, and public policy and practice. In

addition, gerontology provides students with opportunities to gain practical experience in working with elderly people. A practicum, held at the Veterans Administration Hospital, is available to students who have completed some gerontology course work. Gerontology also helps students find rewarding internships in community programs for older adults. For more information, see “Gerontology Certificate Program,” page 687, and “Gerontology,” page 500, or refer to the current *Student Handbook in Gerontology*.

Islamic Studies. The art, history, geography, and religion of the Islamic world are the subjects of several courses offered by departments in the Herberger College of Fine Arts and the College of Liberal Arts and Sciences. For information, call the Department of Religious Studies at 480/965-7145.

Linguistics. Linguistics concentrations are offered in master’s degree programs in the Departments of Anthropology, English, and Languages and Literatures through the Graduate College. Numerous linguistics courses are offered in these and other departments. For information, call the University Committee on Linguistics at 480/965-3168.

MILITARY OFFICER TRAINING

U.S. Air Force and U.S. Army ROTC units are active on the ASU campus. See “Department of Aerospace Studies,” page 328, and “Department of Military Science,” page 413, for more information.

Defense Activity for Nontraditional Education Support (DANTES). ASU is a participating institution with DANTES and is listed in the DANTES Directory of Independent Study. DANTES is an executive agency of the Department of Defense that provides educational support for the voluntary education programs of all services. The primary missions of DANTES are (1) to provide nationally recognized examination and certification programs as part of the voluntary education programs of military services and (2) to facilitate the availability of high-quality independent institutions for service men and women.

WESTERN INTERSTATE COMMISSION FOR HIGHER EDUCATION (WICHE)

For Arizona residents who wish to attend professional schools of dentistry, occupational therapy, optometry, osteopathy, and veterinary medicine in one of the other western states, Arizona has joined with other western states to create the Western Interstate Commission for Higher Education. Through WICHE, qualified Arizona residents may attend schools in other western states at essentially the same expense to the students as to residents of the state in which the school is located. Students must have maintained at least average grades in their preprofessional work and must have been legal residents of Arizona for at least the last five years. Recipients are required to return to Arizona to practice or to repay a portion of the funds expended in their behalf.

For applications and more information, call 602/229-2500.



The Sun Devil Marching Band's flag line proudly wields the Sparky flag during the homecoming parade.

Tim Trumble photo

ASU Minors

Minor	Administered By	Campus	Page
African American Studies	African American Studies Program	Main	331
American Indian Studies	American Indian Studies Program	Main	471
American Studies	Department of American Studies	West	671
Anthropology	Department of Anthropology	Main	334
Art History	School of Art	Main	271
Asian Languages (Chinese/Japanese)	Department of Languages and Literatures	Main	386
Astronomy	Department of Physics and Astronomy	Main	421
Biology	Department of Biology	Main	341
Business*	College of Business	Main	150
Chemistry	Department of Chemistry and Biochemistry	Main	347
Chicana and Chicano Studies	Department of Chicana and Chicano Studies	Main	351
Communication	Hugh Downs School of Human Communication	Main	474
Communication Studies	Department of Communication Studies	West	671
Dance	Department of Dance	Main	287
Economics for Students Planning a Career in Law	Department of Economics	Main	353
English	Department of American Studies	West	671
English with a Concentration in Linguistics	Department of English	Main	354
English with a Concentration in Literature	Department of English	Main	354
Environmental Resources	Morrison School of Agribusiness and Resource Management	East	613
Ethnic Studies	Ethnic Studies Program	West	671
Exercise and Wellness	Department of Exercise and Wellness	East	626
Exercise Science/Physical Education	Department of Exercise Science and Physical Education	Main	361
Family and Human Development	Department of Family and Human Development	Main	364
Film and Video Studies	Department of Interdisciplinary Arts and Performance	West	671
Food and Nutrition Management	Department of Nutrition	East	631
French	Department of Languages and Literatures	Main	387
General Economics	Department of Economics	Main	353
Geography	Department of Geography	Main	368
Geological Sciences	Department of Geological Sciences	Main	372
German	Department of Languages and Literatures	Main	387
Gerontology	Gerontology Program	Main	102
		West	671
History	Department of History	Main	376
	Department of American Studies	West	671
Human Nutrition	Department of Nutrition	East	631
Humanities	Interdisciplinary Humanities Program	Main	382
Interdisciplinary Arts and Performance	Department of Interdisciplinary Arts and Performance	West	671
Interior Design History	School of Design	Main	136
Italian	Department of Languages and Literatures	Main	387
Justice Studies	School of Justice Studies	Main	482
Landscape Studies	School of Planning and Landscape Architecture	Main	140
Life Sciences	Department of Life Sciences	West	671
Mass Communication	Walter Cronkite School of Journalism and Telecommunication	Main	479
Mathematics	Department of Integrative Studies	West	671
	Department of Mathematics	Main	404
Microbiology	Department of Microbiology	Main	410
Music	School of Music	Main	297
Philosophy	Department of Philosophy	Main	417
	Department of Integrative Studies	West	671
Physics	Department of Physics and Astronomy	Main	421
Plant Biology	Department of Plant Biology	Main	428
Political Science	Department of Political Science	Main	432

* This minor is for nonbusiness majors only.

ASU Minors (continued)

Minor	Administered By	Campus	Page
Politics	Department of Social and Behavioral Sciences	West	671
Prelaw	College of Human Services	West	671
Psychology	Department of Psychology	Main	438
	Department of Social and Behavioral Sciences	West	671
Recreation Management	Department of Recreation Management and Tourism	Main	489
Religious Studies	Department of Religious Studies	Main	442
	College of Arts and Sciences	West	671
Russian	Department of Languages and Literatures	Main	387
Small Business*	College of Business	Main	174
Social and Behavioral Sciences	Department of Social and Behavioral Sciences	West	671
Sociocultural Anthropology	Department of Social and Behavioral Sciences	West	671
Sociology	Department of Sociology	Main	446
	Department of Social and Behavioral Sciences	West	671
Spanish	Department of American Studies	West	671
	Department of Languages and Literatures	Main	387
Special Events Management	Department of Recreation and Tourism Management	West	671
Speech and Hearing Science	Department of Speech and Hearing Science	Main	449
Theatre	Department of Theatre	Main	307
Tourism	Department of Recreation Management and Tourism	Main	489
Tourism Management	Department of Recreation and Tourism Management	West	671
Urban Planning	School of Planning and Landscape Architecture	Main	140
Women's Studies	Women's Studies Program	Main	453
		West	671

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ASU Undergraduate Certificates

Certificate	Administered By	Campus	Page
Advanced Business English Certificate*	College of Extended Education	Extended	688
African American Studies Certificate	African American Studies Program	Main	331
American Indian Studies Certificate	American Indian Studies Program	Main	470
American Public Policy Certificate	Department of Political Science	Main	431
Asian Pacific American Studies Certificate	Asian Pacific American Program	Main	472
Asian Studies Certificate	Center for Asian Studies	Main	376
Business English Certificate*	College of Extended Education	Extended	688
Civic Education Certificate	Department of Political Science	Main	432
East Asian Studies Certificate	Center for Asian Studies	Main	387
English as a Second Language Certificate*	College of Extended Education	Extended	688
Enriched College Degree Certificate	College of Liberal Arts and Sciences	Main	324
Ethics Certificate	Department of Philosophy	Main	417
Ethnic Studies Certificate	College of Arts and Sciences	West	672
Film and Video Studies Certificate	College of Arts and Sciences	West	672
Hazardous Materials and Waste Management Certificate	Department of Information and Management Technology	East	649
Health Physics Certificate	Pre-Health Professions Office	Main	325
History and Philosophy of Science Certificate	Department of Philosophy	Main	417
Human Performance Improvement Certificate*	College of Extended Education and the American Society of Training and Development	Extended	687
International Business Studies Certificate	College of Business	Main	166
International Studies Certificate	Department of Political Science	Main	432
Jewish Studies Certificate	Jewish Studies Committee	Main	326
Latin American Studies Certificate	Latin American Studies Center	Main	326
Medieval and Renaissance Studies Certificate	Arizona Center for Medieval and Renaissance Studies (ACMRS)	Main	326
Multimedia Writing and Technical Communication Certificate	East College	East	628

* This certificate is not for academic credit.

ASU Undergraduate Certificates (continued)

Certificate	Administered By	Campus	Page
Nonprofit Management Certificate*	College of Extended Education and the United Way	Extended	687
Nonprofit/Youth Agency Administration: American Humanics Certificate	Department of Recreation Management and Tourism	Main	489
Public Administration and Public Management Certificate	School of Public Affairs	Main	486
Quality Analysis Certificate	College of Business	Main	154
Russian and East European Studies Certificate	Russian and East European Studies Consortium	Main	326
Scandinavian Studies Certificate	Department of Languages and Literatures	Main	326
Small Business and Entrepreneurship Certificate	College of Business	Main	175
Southeast Asian Studies Certificate	Program for Southeast Asian Studies	Main	327
Translation Certificate	Department of Languages and Literatures	Main	387
Women's Studies Certificate	Women's Studies Program	West Main	672 327
Writing Certificate	Department of American Studies Department of English	West Main	672 355

* This certificate is not for academic credit.

ASU Postbaccalaureate Certificates

Certificate	Administered By	Campus	Page
Accountancy, Postbaccalaureate Certificate in	School of Management	West	—
Communication and Human Relations, Postbaccalaureate Certificate in	College of Human Services	West	—
Gerontology Certificate	College of Human Services	West	672
Multimedia Writing and Technical Communication, Postbaccalaureate Certificate in	East College	East	628
Post-Bachelor's Artist Diploma	School of Music	Main	—
Professional Accountancy, Postbaccalaureate Certificate in	School of Management	West	672

ASU Graduate Certificates

Certificate	Administered By	Campus	Page
Geographic Information Science, Interdisciplinary Certificate in	College of Liberal Arts and Sciences	Main	—
Gerontology Certificate	Graduate College	Main Extended	500 687
Indian Law Certificate	College of Law	Main	313
Medieval Studies Certificate	Arizona Center for Medieval and Renaissance Studies (ACMRS)	Main	376
Museum Studies Certificate	Department of Anthropology	Main	—
Nonprofit Leadership and Management Certificate	Center for Nonprofit Leadership and Management	Main	470
Post-Master's Nurse Practitioner Certificate	College of Nursing	Main	—
Renaissance Studies Certificate	ACMRS	Main	—
Scholarly Publishing Certificate	Department of History	Main	—
Statistics	Committee on Statistics	Main	—
Translation Certificate	Department of Languages and Literatures	Main	387
Transportation Systems Certificate	Committee on Transportation Systems	Main	501