
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 109.

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 111; “ASU Postbaccalaureate Certificates” table, page 112; and “ASU Graduate Certificates” table, page 112. Graduate certificates constitute graduate work; postbaccalaureate certificates are distinct from graduate certificates and are an extension of the undergraduate curriculum.

CONCURRENT AND DUAL DEGREE

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 “Dual Degrees” table, page 534, 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 114, or “Interdisciplinary Studies—B.I.S.,” page 641.

Energy Studies. An opportunity for 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 37.

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 at 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.

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ASU Minors

Minor	Administered By	Campus	Page
African American Studies	African American Studies Program	Main	329
American Indian Studies	American Indian Studies Program	Main	488
American Studies	Department of American Studies	West	690
Anthropology	Department of Anthropology	Main	329
Architectural Studies	School of Architecture	Main	123
Art History	School of Art	Main	280
Asian Languages (Chinese/Japanese)	Department of Languages and Literatures	Main	329
Astronomy	Department of Physics and Astronomy	Main	437
Biology	Department of Biology	Main	354
Business ¹	College of Business	Main	156
Chemistry	Department of Chemistry and Biochemistry	Main	360
Chicana and Chicano Studies	Department of Chicana and Chicano Studies	Main	365
Communication	Hugh Downs School of Human Communication	Main	492
Communication Studies	Department of Communication Studies	West	692
Computational Mathematical Sciences	Department of Mathematics and Statistics	Main	417
Dance	Department of Dance	Main	298
Design Studies	School of Design	Main	139
Economics for Students Planning a Career in Law	Department of Economics	Main	367
English	Department of American Studies	West	692
English with a Concentration in Linguistics	Department of English	Main	368
English with a Concentration in Literature	Department of English	Main	368
Environmental Resources	Morrison School of Agribusiness and Resource Management	East	633
Ethnic Studies	College of Arts and Sciences	West	692
Exercise Science/Physical Education	Department of Exercise Science and Physical Education	Main	375
Family and Human Development	Department of Family and Human Development	Main	379
Film and Video Studies	Department of Interdisciplinary Arts and Performance	West	692
Food and Nutrition Management	Department of Nutrition	East	652
French	Department of Languages and Literatures	Main	402
General Economics	Department of Economics	Main	367
Geography	Department of Geography	Main	383
Geological Sciences	Department of Geological Sciences	Main	387
German	Department of Languages and Literatures	Main	402
Gerontology	Gerontology Program	Main	108
History	Department of American Studies	West	692
	Department of History	Main	390
Human Nutrition	Department of Nutrition	East	653
Humanities	Interdisciplinary Humanities Program	Main	397
Interdisciplinary Arts and Performance	Department of Interdisciplinary Arts and Performance	West	692
Interior Design History	School of Design	Main	141
Italian	Department of Languages and Literatures	Main	402
Justice Studies	School of Justice Studies	Main	500
Landscape Studies	School of Planning and Landscape Architecture	Main	145
Life Sciences	Department of Life Sciences	West	692
Mass Communication	Walter Cronkite School of Journalism and Mass Communication	Main	497
Mathematics	Department of Integrative Studies	West	692
	Department of Mathematics and Statistics	Main	420
Microbiology	Department of Microbiology	Main	427
Music	School of Music	Main	308

¹ This minor is for nonbusiness majors only.

² The program is in the process of transferring to the faculty of Business Administration in East College at ASU East.

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ASU Minors (continued)

Minor	Administered By	Campus	Page
Philosophy	Department of Integrative Studies	West	692
	Department of Philosophy	Main	434
Physics	Department of Physics and Astronomy	Main	438
Plant Biology	Department of Plant Biology	Main	445
Political Science	Department of Political Science	Main	450
	Department of Social and Behavioral Sciences	West	692
Prelaw	College of Human Services	West	692
Psychology	Department of Psychology	Main	456
	Department of Social and Behavioral Sciences	West	692
Public Relations and Strategic Communications	Department of Communication Studies	West	692
Recreation Management	Department of Recreation Management and Tourism	Main	507
Religious Studies	College of Arts and Sciences	West	692
	Department of Religious Studies	Main	460
Russian	Department of Languages and Literatures	Main	402
Small Business ²	College of Business	Main	181
Social and Behavioral Sciences	Department of Social and Behavioral Sciences	West	692
Sociocultural Anthropology	Department of Social and Behavioral Sciences	West	692
Sociology	Department of Sociology	Main	464
	Department of Social and Behavioral Sciences	West	692
Spanish	Department of American Studies	West	692
	Department of Languages and Literatures	Main	402
Special Events Management	Department of Recreation and Tourism Management	West	692
Speech and Hearing Science	Department of Speech and Hearing Science	Main	467
Statistics	Department of Mathematics and Statistics	Main	417
Theatre	Department of Theatre	Main	318
Tourism	Department of Recreation Management and Tourism	Main	507
Tourism Management	Department of Recreation and Tourism Management	West	692
Urban Planning	School of Planning and Landscape Architecture	Main	146
Wellness Foundations	Department of Exercise and Wellness	East	647
Women's Studies	Women's Studies Program	Main	471
		West	692

¹ This minor is for nonbusiness majors only.

² The program is in the process of transferring to the faculty of Business Administration in East College at ASU East.

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 707, and “Gerontology,” page 518, 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 340, and “Department of Military Science,” page 429, 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 Inde-

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pendent 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, oste-

opathy, and veterinary medicine in one of the other western states, Arizona has joined with other 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 on their behalf.

For applications and more information, call 602/229-2500, or access the Web site at www.wiche.edu.

ASU Undergraduate Certificates

Certificate	Administered By	Campus	Page
Advanced Business English Certificate*	College of Extended Education	Extended	707
African American Studies Certificate	African American Studies Program	Main	343
American Indian Studies Certificate	American Indian Studies Program	Main	489
American Public Policy Certificate	Department of Political Science	Main	449
Asian Pacific American Studies Certificate	Asian Pacific American Program	Main	490
Asian Studies Certificate	Center for Asian Studies	Main	390
Business English Certificate*	College of Extended Education	Extended	707
Civic Education Certificate	Department of Political Science	Main	449
Classical Studies Certificate	Department of Languages and Literatures and Interdisciplinary Humanities Program	Main	336
East Asian Studies Certificate	Center for Asian Studies	Main	336
English as a Second Language Certificate*	College of Extended Education	Extended	707
Enriched College Certificate	College of Liberal Arts and Sciences	Main	336
Ethics Certificate	Department of Philosophy	Main	434
Ethnic Studies, Certificate in	College of Arts and Sciences	West	692
Film and Video Studies, Certificate in	Department of Interdisciplinary Arts and Performance	West	692
Hazardous Materials and Waste Management Certificate	Department of Information and Management Technology	East	671
Health Physics Certificate	Pre-Health Professions Office	Main	337
History and Philosophy of Science Certificate	Department of Philosophy	Main	434
Human Performance Improvement Certificate*	College of Extended Education and the American Society of Training and Development	Extended	707
International Business Studies Certificate	College of Business	Main	174
International Studies Certificate	Department of Political Science	Main	449
Jewish Studies Certificate	Jewish Studies Committee	Main	338
Latin American Studies Certificate	Latin American Studies Center	Main	338
Maintenance Management Certificate*	College of Extended Education	Extended	707
Medieval and Renaissance Studies Certificate	Arizona Center for Medieval and Renaissance Studies	Main	338
Multimedia Writing and Technical Communication Certificate	East College	East	650
Nonprofit Management Certificate*	College of Extended Education and the Valley of the Sun United Way	Extended	708
Nonprofit/Youth Agency Administration: American Humanics Certificate	Department of Recreation Management and Tourism	Main	507
Professional Purchasing Certificate*	College of Extended Education	Extended	708
Public Administration and Public Management Certificate	School of Public Affairs	Main	504
Quality Analysis Certificate	College of Business	Main	161
Russian and East European Studies Certificate	Russian and East European Studies Consortium	Main	338

* This certificate is not for academic credit.

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Certificate	Administered By	Campus	Page
Scandinavian Studies Certificate	Department of Languages and Literatures	Main	339
Small Business and Entrepreneurship Certificate	College of Business	Main	181
Southeast Asian Studies Certificate	Program for Southeast Asian Studies	Main	339
Spanish Language Court Interpreter Certificate*	College of Extended Education	Extended	708
Symbolic Systems Certificate	Department of Philosophy	Main	339
Translation Certificate	Department of Languages and Literatures	Main	402
Women's Studies, Certificate in	Women's Studies Program	West	692
		Main	339
Writing, Certificate in	Department of American Studies	West	692
	Department of English	Main	369

* This certificate is not for academic credit.

ASU Postbaccalaureate Certificates

Certificate	Administered By	Campus	Page
Accountancy, Postbaccalaureate Certificate in*	Department of Accounting and Information Systems Management	West	692
Communication and Human Relations, Postbaccalaureate Certificate in*	Department of Communication Studies	West	692
Multimedia Writing and Technical Communication, Postbaccalaureate Certificate in	East College	East	650
Professional Accountancy, Postbaccalaureate Certificate in*	Department of Accounting and Information Systems Management	West	692

* For more information, see the *ASU West Catalog*.

ASU Graduate Certificates

Certificate	Administered By	Campus	Page
Geographic Information Science, Interdisciplinary Certificate in*	Graduate College	Main	—
Gerontology, Certificate in	College of Human Services	West	692
	Graduate College	Main	518
		Extended	707
Indian Law Certificate	College of Law	Main	—
Medieval Studies Certificate	Arizona Center for Medieval and Renaissance Studies (ACMRS)	Main	390
Museum Studies Certificate*	Department of Anthropology	Main	—
Nonprofit Leadership and Management Certificate	College of Public Programs	Main	488
Post-Bachelor's Artist Diploma*	School of Music	Main	—
Post-Master's Nurse Practitioner Certificate*	College of Nursing	Main	—
Renaissance Studies Certificate*	ACMRS	Main	—
Scholarly Publishing Certificate*	Department of History	Main	—
Statistics, Certificate in	Committee on Statistics and the Graduate College	Main	—
Translation Certificate	Department of Languages and Literatures	Main	402
Transportation Systems Certificate	Committee on Transportation Systems and the Graduate College	Main	519

* For more information, see the *Graduate Catalog*.