

ASU Graduate Degrees

Graduate degrees, majors, and concentrations offered by ASU Main, ASU East, and ASU West and through ASU Extended Campus are shown in the “ASU Graduate Degrees” table below, organized by the name of the major. The table points to the primary page where more information can be found. The table includes only officially approved concentrations; other informal areas of study may be available.

ASU offers these graduate degrees, abbreviated in the table below and elsewhere in the catalog:

Master of Accountancy and Information Systems (M.A.I.S.)
 Master of Architecture (M.Arch.)
 Master of Arts (M.A.)
 Master of Business Administration (M.B.A.)
 Master of Computer Science (M.C.S.)
 Master of Counseling (M.C.)
 Master of Education (M.Ed.)
 Master of Engineering (M.E.)
 Master of Environmental Planning (M.E.P.)

Master of Fine Arts (M.F.A.)
 Master of Health Services Administration (M.H.S.A.)
 Master of Mass Communication (M.M.C.)
 Master of Music (M.M.)
 Master of Natural Science (M.N.S.)
 Master of Physical Education (M.P.E.)
 Master of Public Administration (M.P.A.)
 Master of Public Health (M.P.H.)
 Master of Science (M.S.)
 Master of Science in Design (M.S.D.)
 Master of Science in Engineering (M.S.E.)
 Master of Science in Technology (M.S.Tech.)
 Master of Social Work (M.S.W.)
 Master of Taxation (M.Tax.)
 Master of Teaching English as a Second Language (M.TESL)
 Doctor of Education (Ed.D.)
 Doctor of Musical Arts (D.M.A.)
 Doctor of Philosophy (Ph.D.)
 Juris Doctor (J.D.)

ASU Graduate Degrees

Major	Degree	Concentration	Campus	Page
Accountancy and Information Systems	M.A.I.S.	—	Main	105
Aerospace Engineering	M.S., M.S.E., Ph.D.	—	Main	107
Agribusiness	M.S.	Agribusiness management and marketing, food quality assurance	East	108
Anthropology	M.A.	Archaeology, bioarchaeology, linguistics, medical anthropology, museum studies, physical anthropology, social-cultural anthropology	Main	111
	Ph.D.	Archaeology, physical anthropology, social-cultural anthropology	Main	112
Architecture	M.Arch.	—	Main	115
Art	M.A.	Art education, art history	Main	123
	M.F.A.	Ceramics, drawing, fibers, intermedia, metals, painting, photographic studies, photography, printmaking, sculpture, wood	Main	123
Asian Languages and Civilizations—Chinese/Japanese	M.A.	—	Main	247
Bioengineering	M.S., Ph.D.	—	Main	130
Biology ¹	M.S., Ph.D.	Ecology	Main	132
Building Design	M.S.	Design knowledge and computing, energy performance and climate-responsive architecture, facilities development and management	Main	118

¹ This major has formalized concentration(s); other areas of study are available.

² Applications are not being accepted at this time.

³ This collaborative program is offered by the three state universities.

⁴ This major is jointly offered with the University of Arizona.

⁵ Students apply to this degree program through the College of Law, not the Graduate College.

ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Business Administration	M.B.A.	—	Main	137
			West	435
			Extended	446
	Ph.D.	Accountancy, computer information systems, finance, health services research, ² management, marketing, supply chain management	Main	137
Chemical Engineering	M.S., M.S.E., Ph.D.	—	Main	143
Chemistry	M.S., Ph.D.	Analytical chemistry, biochemistry, geochemistry, inorganic chemistry, organic chemistry, physical chemistry, solid-state chemistry	Main	147
Civil Engineering	M.S., M.S.E., Ph.D.	—	Main	149
Communication	M.A.	—	Main	152
	Ph.D.	Communicative development, intercultural communication, organizational communication	Main	155
Communication Disorders	M.S.	—	Main	157
Communication Studies	M.A.	—	West	435
Composition	M.M.	—	Main	272
Computer Science	M.C.S., M.S., Ph.D.	—	Main	159
Construction	M.S.	Construction science, facilities, management	Main	163
Counseling	M.C.	—	Main	164
Counseling Psychology	Ph.D.	—	Main	166
Counselor Education	M.Ed.	—	Main	167
Creative Writing	M.F.A.	—	Main	167
Criminal Justice	M.A.	—	West	435
Curriculum and Instruction	M.A.	Bilingual education, communication arts, early childhood education, elementary education, English as a second language, Indian education, mathematics education, reading education, science education, secondary education, social studies education	Main	169
	M.Ed.	Bilingual education, early childhood education, elementary education, English as a second language, Indian education, language and literacy, mathematics education, professional studies, science education, secondary education, social studies education	Main	169
	Ed.D.	Secondary education Bilingual education, communication arts, curriculum studies, early childhood education, elementary education, English as a second language, Indian education, language and literacy, mathematics education, science education, secondary education, social studies education	Extended Main	447 170

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ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Curriculum and Instruction (continued)	Ph.D.	Art education, curriculum studies, early childhood education, educational media and computers, ² elementary education, English education, exercise and wellness education, language and literacy, mathematics education, music education, physical education, science education, special education	Main	175
Dance	M.F.A.	—	Main	177
Design	M.S.D.	Graphic design, industrial design, interior design	Main	178
Economics	M.S., Ph.D.	—	Main	184
Educational Administration and Supervision	M.Ed.	—	Main	189
	Ed.D.	—	West	435
	Ed.D.	—	Main Extended	189 447
Educational Leadership and Policy Studies	Ph.D.	—	Main	190
Educational Psychology	M.A., M.Ed.	—	Main	191
	Ph.D.	Learning; lifespan developmental psychology; measurement, statistics, and methodological studies; school psychology		
Educational Technology	M.Ed.	—	Main	194
	Ph.D.	—	Main	
Electrical Engineering	M.S., Ph.D.	—	Main	195
	M.S.E.	—	Main	195
			Extended	447
Elementary Education	M.Ed.	Bilingual education, educational technology, ESL education, reading	West	435
Engineering ³	M.E.	—	Main	200
			Extended	447
Engineering Science	M.S., M.S.E., Ph.D.	—	Main	201
English	M.A.	Comparative literature, English linguistics, literature and language, rhetoric and composition	Main	202
	Ph.D.	Literature, rhetoric/composition and linguistics	Main	203
Environmental Design and Planning	Ph.D.	Design; history, theory, and criticism; planning	Main	207
Environmental Planning	M.E.P.	Landscape ecological planning, urban and regional development, urban design	Main	209
Environmental Resources	M.S.	GIS/remote sensing, natural resource management, range ecology	East	212
Exercise and Wellness	M.S.	—	East	214
Exercise Science	Ph.D.	Biomechanics, motor behavior/sport psychology, physiology of exercise	Main	216
Exercise Science/Physical Education	M.S.	—	Main	217
Family and Human Development	M.S.	Family studies	Main	219
Family Science ¹	Ph.D.	Marriage and family therapy	Main	221

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Major	Degree	Concentration	Campus	Page
French	M.A.	Comparative literature, linguistics, literature	Main	221
Geography	M.A., Ph.D.	—	Main	222
Geological Sciences	M.S., Ph.D.	—	Main	225
German	M.A.	Comparative literature, language and culture, literature	Main	228
Health Services Administration	M.H.S.A.	—	Main	230
Higher and Postsecondary Education	M.Ed., Ed.D.	Higher education	Main	232
History	M.A.	Asian history, British history, European history, Latin American history, public history, U.S. history, U.S. Western history	Main	233
	Ph.D.	Asian history, British history, European history, Latin American history, U.S. history	Main	234
History and Theory of Art ⁴	Ph.D.	—	Main	238
Humanities	M.A.	—	Main	239
Industrial Engineering	M.S., M.S.E., Ph.D.	—	Main	240
Information Management	M.S.	—	Main	182
Interdisciplinary Studies	M.A.	—	West	435
Justice Studies	M.S.	—	Main	243
	Ph.D.	Criminal and juvenile justice; dispute resolution; law, justice, and minority populations; law, policy, and evaluation; women, law, and justice	Main	245
Law ⁵	J.D.	—	Main	77
Mass Communication	M.M.C.	—	Main	255
Materials Engineering	M.S., M.S.E.	—	Main	201 259
Materials Science	M.S.	—	Main	201
Mathematics	M.A., Ph.D.	—	Main	259
Mechanical Engineering	M.S., M.S.E., Ph.D.	—	Main	264
Microbiology	M.S., Ph.D.	—	Main	268
Molecular and Cellular Biology	M.S., Ph.D.	—	Main	270
Music	M.A.	Ethnomusicology, music history and literature, music theory	Main	272
	D.M.A.	Choral conducting, music composition, music education, solo performance (instrumental, keyboard, piano pedagogy, voice)	Main	273
Music Education	M.M.	Choral music, general music, instrumental music, jazz studies	Main	272
Natural Science	M.N.S.	Biology, chemistry, geological sciences, mathematics, microbiology, physics, plant biology	Main	278
Nursing	M.S.	Adult health nursing, community health nursing, community mental health/psychiatric nursing, family health nursing, nursing administration, parent-child nursing, women's health	Main	279

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ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Nutrition	M.S.	—	East	282
Performance	M.M.	Music theatre/opera musical direction, music theatre/ opera performance, performance pedagogy, piano accompanying, solo performance (instrumental, keyboard, voice)	Main	272
Philosophy	M.A., Ph.D.	—	Main	284
Physical Education	M.P.E.	—	Main	217
Physics	M.S., Ph.D.	—	Main	287
Plant Biology ¹	M.S., Ph.D.	Ecology, photosynthesis	Main	291
Political Science	M.A., Ph.D.	American politics, comparative politics, international relations, political theory	Main	293
Psychology	Ph.D.	Behavioral neuroscience, clinical psychology, cognitive/behavioral systems, developmental psychology, environmental psychology, quantitative research methods, social psychology	Main	296
Public Administration	M.P.A.	Public information management, public management, public policy analysis and evaluation, urban manage- ment and planning	Main Extended	298 448
	Ph.D.	—	Main	301
Public Health ³	M.P.H.	Community health practice, health administration and policy	Main	302
Recreation	M.S.	—	Main	303
Religious Studies	M.A.	—	Main	304
Science and Engineering of Materials	Ph.D.	High-resolution nanostructure analysis, solid-state device materials design	Main	307
Secondary Education	M.Ed.	Educational technology	West	435
Social and Philosophical Foundations of Education	M.A.	—	Main	309
Social Work	M.S.W.	Advanced direct practice; planning, administration, and community practice	Main	310
	—	—	West	435
	Ph.D.	—	Main	312
Sociology	M.A., Ph.D.	—	Main	316
Spanish	M.A.	Comparative literature, language and culture, linguistics, literature	Main	317
	Ph.D.	Cultural studies, literature		
Special Education	M.A.,	—	Main	317
	M.Ed.	Gifted mildly disabled, multicultural exceptional, severely multiply disabled	Main	317
	—	Infants and young children	West	317
Speech and Hearing Science	Ph.D.	Developmental neurolinguistic disorders, neuroauditory processes, neurogerontologic communication disorders	Main	319
Statistics	M.S.	—	Main	321
Taxation	M.Tax.	—	Main	322

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Major	Degree	Concentration	Campus	Page
Teaching English as a Second Language	M.TESL	—	Main	322
Technology	M.S.Tech.	Aeronautical engineering technology, aviation human factors, aviation management technology, computer systems engineering technology, electronic systems engineering technology, environmental technology management, fire service administration, global technology and development, information technology, instrumentation and measurement technology, management of technology, manufacturing engineering technology, mechanical engineering technology, microelectronics engineering technology, security engineering technology	East	323
Theatre	M.A.	—	Main	336
	M.F.A.	Performance, scenography, theatre for youth	Main	337
	Ph.D.	Theatre for youth	Main	338

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Arizona's climate enables students to gather together outdoors for group study.

Ken Sweat photo

Concurrent and Dual Degrees

Concurrent or Dual Degrees	Administered By	Campus	Page(s)
Juris Doctor/Master of Health Services Administration	College of Law/School of Health Administration and Policy	Main	77, 230
Juris Doctor/Master of Science in Economics*	College of Law/Department of Economics	Main	77, 184
Juris Doctor/Doctor of Philosophy in Justice Studies	College of Law/Committee on Law and Social Sciences	Main	77, 247
Master of Business Administration/Juris Doctor	College of Business/College of Law	Main	62, 77
Master of Business Administration/Master of Accountancy and Information Systems	College of Business	Main	62, 105
Master of Business Administration/Master of Architecture	College of Business/School of Architecture	Main	62, 118
Master of Business Administration/Master of Health Services Administration	College of Business	Main	62, 230
Master of Business Administration/Master of Science in Information Management	College of Business	Main	62, 182
Master of Business Administration/Master of International Management	College of Business/American Graduate School of International Management (Thunderbird); ESAN, Lima, Peru; Groupe Ecole Supérieure de Commerce, Toulouse, France; ITESM-CEM, Mexico City, Mexico; and Universidad Carlos III de Madrid, Madrid, Spain	Main	62
Master of Business Administration/Master of Science (Economics)	College of Business	Main	62, 184
Master of Business Administration/Master of Taxation	College of Business	Main	62, 322
Master of Science in Engineering (Industrial Engineering)/Master of International Management of Technology	Department of Industrial and Management Systems Engineering/American Graduate School of International Management (Thunderbird)	Main	240
Master of Science in Justice Studies/Master of Arts in Anthropology	School of Justice Studies/Department of Anthropology	Main	244
Master of Science in Nursing/Master of Health Services Administration	College of Nursing/School of Health Administration and Policy	Main	279

* Applications for this program are not being accepted at this time.

ASU 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. Graduate certificates constitute graduate work; postbaccalaureate certificates are distinct from graduate certificates

and are an extension of the undergraduate curriculum. See the "ASU Graduate Certificates" and "ASU Postbaccalaureate Certificates" tables below for certificates offered by ASU Main, ASU East, and ASU West and through ASU Extended Campus. For information on undergraduate certificates, see the *General Catalog*.

ASU Graduate Certificates

Certificate	Administered By	Campus	Page
Geographic Information Science, Interdisciplinary Certificate in	Graduate College	Main	222
Gerontology Certificate	Graduate College	Main Extended	228 448
Indian Law Certificate	College of Law	Main	78
Medieval Studies Certificate	Arizona Center for Medieval and Renaissance Studies (ACMRS)	Main	268
Museum Studies Certificate	Department of Anthropology	Main	112
Nonprofit Leadership and Management Certificate	College of Public Programs	Main	278
Post-Bachelor's Artist Diploma	School of Music	Main	271
Post-Master's Nurse Practitioner Certificate	College of Nursing	Main	279
Renaissance Studies Certificate	ACMRS	Main	268
Scholarly Publishing Certificate	Department of History	Main	306
Statistics, Certificate in	Committee on Statistics and the Graduate College	Main	320
Translation Certificate	Department of Languages and Literatures	Main	247
Transportation Systems Certificate	Committee on Transportation Systems and the Graduate College	Main	342

ASU Postbaccalaureate Certificates

Certificate	Administered By	Campus	Page
Accountancy, Postbaccalaureate Certificate in	School of Management	West	434
Communication and Human Relations, Postbaccalaureate Certificate in	College of Human Services	West	434
Gerontology Certificate	College of Human Services	West	434
Multimedia Writing and Technical Communication, Postbaccalaureate Certificate in	East College	East	65
Professional Accountancy, Postbaccalaureate Certificate in	School of Management	West	434