

# 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, which points to the primary page where more information can be found, includes only officially approved concentrations; other informal areas of study may be available. See also the “Concurrent and Dual Degrees” table, page 16.

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	99
Aerospace Engineering	M.S., M.S.E., Ph.D.	—	Main	101
Agribusiness	M.S.	Agribusiness management and marketing, food quality assurance	East	102
Anthropology	M.A.	Archaeology, bioarchaeology, linguistics, museum studies, physical anthropology, social-cultural anthropology	Main	105
	Ph.D.	Archaeology, physical anthropology, social-cultural anthropology	Main	106
Applied Psychology	M.S.	—	East	—
Architecture	M.Arch.	—	Main	109
Art	M.A.	Art education, art history	Main	117
	M.F.A.	Ceramics, drawing, fibers, intermedia, metals, painting, photographic studies, photography, printmaking, sculpture, wood	Main	118
Asian Languages and Civilizations—Chinese/Japanese	M.A.	—	Main	246

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

## ASU GRADUATE DEGREES

### ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Bioengineering	M.S., Ph.D.	—	Main	126
Biology <sup>1</sup>	M.S., Ph.D.	Ecology	Main	128
Building Design	M.S.	Design knowledge and computing, energy performance and climate-responsive architecture, facilities development and management	Main	112
Business Administration	M.B.A.	—	Main	132
	Ph.D.	Accountancy, computer information systems, finance, health services research, <sup>2</sup> management, marketing, supply chain management	West Extended Main	449 462 133
Chemical Engineering	M.S., M.S.E., Ph.D.	—	Main	140
Chemistry	M.S., Ph.D.	Analytical chemistry, biochemistry, geochemistry, inorganic chemistry, organic chemistry, physical chemistry, solid-state chemistry	Main	142
Civil Engineering	M.S., M.S.E., Ph.D.	—	Main	144
Communication	M.A.	—	Main	147
	Ph.D.	Communicative development, intercultural communication, organizational communication	Main	150
Communication Disorders	M.S.	—	Main	152
Communication Studies	M.A.	—	West	449
Composition	M.M.	—	Main	275
Computational Biosciences	M.S.	—	Main	154
Computer Science	M.C.S., M.S., Ph.D.	—	Main	155
Construction	M.S.	Construction science, facilities, management	Main	160
Counseling	M.C.	—	Main	161
Counseling Psychology	Ph.D.	—	Main	163
Counselor Education	M.Ed.	—	Main	164
Creative Writing	M.F.A.	—	Main	164
Criminal Justice	M.A.	—	West	449
Curriculum and Instruction	M.A.	Bilingual education, early childhood education, elementary education, English as a second language, Indian education, language and literacy, mathematics education, science education, secondary education, social studies education	Main	166
		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	166
	M.Ed.	Secondary education	Extended	461

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

## ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Curriculum and Instruction (continued)	Ed.D.	Bilingual education, curriculum studies, early childhood education, elementary education, <sup>2</sup> English as a second language, Indian education, language and literacy, mathematics education, science education, secondary education, <sup>2</sup> social studies education	Main	166
	Ph.D.	Art education, curriculum studies, early childhood education, elementary education, English education, exercise and wellness education, language and literacy, mathematics education, music education, physical education, science education, special education	Main	172
Dance	M.F.A.	—	Main	175
Design	M.S.D.	Graphic design, industrial design, interior design	Main	177
Economics	M.S., Ph.D.	—	Main	180
Educational Administration and Supervision	M.Ed.	—	Main	184
	Ed.D.	—	West	449
	Ed.D.	—	Main Extended	185 461
Educational Leadership and Policy Studies	Ph.D.	—	Main	186
Educational Psychology	M.A., M.Ed.	—	Main	188
	Ph.D.	Learning; lifespan developmental psychology; measurement, statistics, and methodological studies; school psychology	Main	188
Educational Technology	M.Ed., Ph.D.	—	Main	190
Electrical Engineering	M.S., Ph.D.	—	Main	191
	M.S.E.	—	Main	192
	M.S.E.	—	Extended	461
Elementary Education	M.Ed.	Bilingual education, educational technology, ESL education, reading	West	449
Engineering <sup>3</sup>	M.E.	—	Main	197
	M.E.	—	Extended	462
Engineering Science	M.S., M.S.E., Ph.D.	—	Main	198
English	M.A.	Comparative literature, English linguistics, literature and language, rhetoric and composition	Main	199
	Ph.D.	Literature, rhetoric/composition and linguistics	Main	200
Environmental Design and Planning	Ph.D.	Design; history, theory, and criticism; planning	Main	204
Environmental Planning	M.E.P.	Landscape ecological planning, urban and regional development, urban design <sup>2</sup>	Main	207
Environmental Resources	M.S.	GIS/remote sensing, natural resource management, range ecology	East	210
Exercise and Wellness	M.S.	—	East	212
Exercise Science	Ph.D.	Biomechanics, motor behavior/sport psychology, physiology of exercise	Main	214

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

## ASU GRADUATE DEGREES

### ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Family and Human Development	M.S.	Family studies	Main	215
Family Science <sup>1</sup>	Ph.D.	Marriage and family therapy	Main	217
French	M.A.	Comparative literature, linguistics, literature	Main	218
Geography	M.A., Ph.D.	—	Main	219
Geological Sciences	M.S., Ph.D.	—	Main	222
German	M.A.	Comparative literature, language and culture, literature	Main	225
Health Services Administration	M.H.S.A.	—	Main	227
Higher and Postsecondary Education	M.Ed., Ed.D.	Higher education	Main	229
History	M.A.	Asian history, British history, European history, Latin American history, public history, U.S. history, U.S. Western history	Main	230
	Ph.D.	Asian history, British history, European history, Latin American history, U.S. history	Main	231
History and Theory of Art <sup>4</sup>	Ph.D.	—	Main	119
Humanities	M.A.	—	Main	235
Industrial Engineering	M.S., M.S.E., Ph.D.	—	Main	237
Information Management	M.S.	—	Main	239
Interdisciplinary Studies	M.A.	—	West	449
Justice Studies	M.S.	—	Main	240
	Ph.D.	Criminal and juvenile justice; dispute resolution; law, justice, and minority populations; law, policy, and evaluation; women, law, and justice	Main	242
Kinesiology	M.S.	—	Main	244
Law <sup>5</sup>	J.D.	—	Main	77
Mass Communication	M.M.C.	—	Main	255
Materials Engineering	M.S., M.S.E.	—	Main	258
Materials Science	M.S.	—	Main	260
Mathematics	M.A., Ph.D.	—	Main	261
Mechanical Engineering	M.S., M.S.E., Ph.D.	—	Main	266
Microbiology	M.S., Ph.D.	—	Main	270
Molecular and Cellular Biology	M.S., Ph.D.	—	Main	272
Music	M.A.	Ethnomusicology, music history and literature, music theory	Main	275
	D.M.A.	Conducting, music composition, music education, performance	Main	276
Music Education	M.M.	Choral music, general music, instrumental music, jazz studies	Main	276
Natural Science	M.N.S.	Biology, chemistry, geological sciences, mathematics, microbiology, physics, plant biology	Main	281

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

## ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Nursing	M.S.	Adult health nursing, community health nursing, family health nursing, nursing administration, <sup>2</sup> parent-child nursing, psychiatric/mental health nursing, women's health	Main	283
Nutrition	M.S.	—	East	287
Performance	M.M.	Music theatre/opera musical direction, music theatre/opera performance, performance, performance pedagogy, piano accompanying	Main	276
Philosophy	M.A., Ph.D.	—	Main	289
Physical Education	M.P.E.	—	Main	244
Physics	M.S., Ph.D.	—	Main	292
Plant Biology <sup>1</sup>	M.S., Ph.D.	Ecology, photosynthesis	Main	297
Political Science	M.A., Ph.D.	American politics, comparative politics, international relations, political theory	Main	299
Psychology	Ph.D.	Behavioral neuroscience, clinical psychology, cognitive/behavioral systems, developmental psychology, quantitative research methods, social psychology	Main	303
Public Administration	M.P.A.	Nonprofit administration	Main	305
	Ph.D.	—	Extended Main	461 308
Public Health <sup>3</sup>	M.P.H.	Community health practice, health administration and policy	Main	310
Recreation	M.S.	—	Main	311
Religious Studies	M.A., Ph.D.	—	Main	312
Science and Engineering of Materials	Ph.D.	High-resolution nanostructure analysis, solid-state device materials design	Main	315
Secondary Education	M.Ed.	Educational technology	West	449
Social and Philosophical Foundations of Education	M.A.	—	Main	317
Social Work	M.S.W.	Advanced direct practice; planning, administration, and community practice	Main	318
		Advanced generalist practice	Extended West	461 449
	Ph.D.	—	Main	321
Sociology	M.A., Ph.D.	—	Main	325
Spanish	M.A.	Comparative literature, language and culture, linguistics, literature	Main	326
	Ph.D.	Cultural studies, literature		
Special Education	M.A.	—	Main	327
	M.Ed.	Gifted, mildly disabled, multicultural exceptional, severely/multiply disabled Infants and young children	Main West	327 449
Speech and Hearing Science	Ph.D.	Developmental neurolinguistic disorders, neuroauditory processes, neurogerontologic communication disorders	Main	329
Statistics	M.S.	—	Main	330

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

## ASU GRADUATE DEGREES

### ASU Graduate Degrees (continued)

Major	Degree	Concentration	Campus	Page
Taxation	M.Tax.	—	Main	332
Teaching English as a Second Language	M.TESL	—	Main	332
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 Environmental technology management	East Extended	333 462
Theatre	M.A.	—	Main	347
	M.F.A.	Performance, scenography, theatre for youth	Main	348
	Ph.D.	Theatre for youth	Main	349

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

<sup>2</sup> Applications are not being accepted at this time.

<sup>3</sup> This collaborative program is offered by the three state universities.

<sup>4</sup> This major is jointly offered with the University of Arizona.

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

### Concurrent and Dual Degrees

Degrees	Administered By	Campus	Page(s)
J.D./M.B.A.	College of Law/W. P. Carey School of Business	Main	61, 73
J.D./M.H.S.A.	College of Law/School of Health Administration and Policy	Main	—
J.D./M.S. in Economics <sup>1</sup>	College of Law/Department of Economics	Main	73, 180
J.D./Ph.D. in Justice Studies	College of Law/Committee on Law and Social Sciences	Main	73, 244
M.A. in Anthropology/M.S. in Justice Studies	Department of Anthropology/School of Justice Studies	Main	241
M.A.I.S./M.B.A.	W. P. Carey School of Business	Main	61, 99
M.Arch./M.B.A.	School of Architecture/W. P. Carey School of Business	Main	61, 112
M.B.A./M.H.S.A.	W. P. Carey School of Business	Main	61, 227
M.B.A./M.S. in Economics	W. P. Carey School of Business	Main	61, 180
M.B.A./M.S. in Information Management	W. P. Carey School of Business	Main	61, 132
M.B.A./M.Tax.	W. P. Carey School of Business	Main	61, 332
M.B.A./Master of International Management	W. P. Carey School of Business/American Graduate School of International Management (Thunderbird), Graduate School of Business Administration (Peru); Graduate School of Commerce (France); Monterrey Institute for Technical and Superior Studies, Mexico State Campus (Mexico); and Carlos III University of Madrid (Spain)	Main	61
M.S. in Nursing/M.P.H. <sup>2</sup>	College of Public Health/College of Nursing	Main	79
M.S.E. in Industrial Engineering/ Master of International Management of Technology	Department of Industrial Engineering/American Graduate School of International Management (Thunderbird)	Main	237

<sup>1</sup> Applications for this program are not being accepted at this time.

<sup>2</sup> This program is jointly offered with the University of Arizona and Northern Arizona University.