



Arizona State University

1999–2000 General Catalog

All colleges, schools, divisions, and departments establish certain academic requirements that must be met before a degree is granted. Advisors, directors, department chairs, and deans are available to help the student understand these requirements, but the student is responsible for fulfilling them. At the end of a student's course of study, if requirements for graduation have not been satisfied, the degree is not granted. For this reason, it is important for all students to acquaint themselves with all regulations, to be informed throughout their college careers, and to be responsible for completing requirements. Courses, programs, and requirements described in the catalog may be suspended, deleted, restricted, supplemented, or changed in any other manner, at any time, at the sole discretion of the university and the Arizona Board of Regents. The catalog does not establish a contractual relationship but summarizes the total requirements the student must currently meet before qualifying for a faculty recommendation to the Arizona Board of Regents to award a degree.

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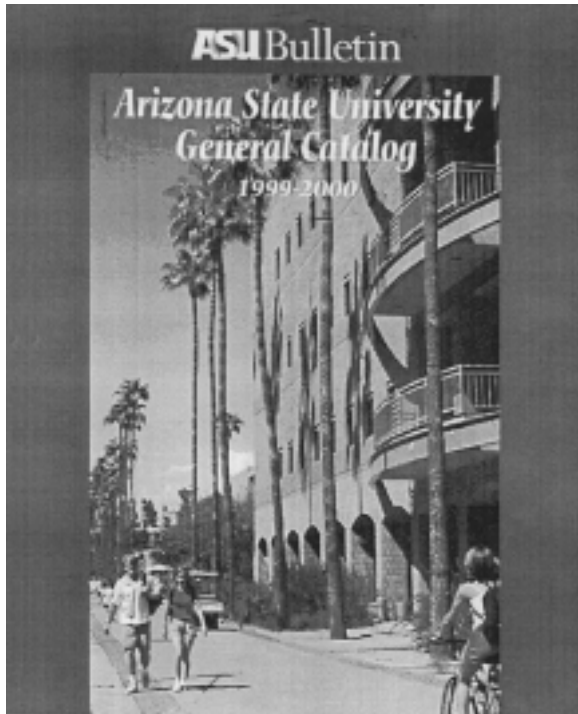
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On the Cover / Palm Walk takes bicyclists and pedestrians through the heart of the ASU Main campus, here passing by the Computing Commons. Tim Trumble photo

The *General Catalog* is the official source of information for programs and requirements of ASU and its colleges, departments, and schools. Catalogs may be viewed on the Web at www.asu.edu/aad/catalogs.

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President Lattie F. Coor Tim Trumble photo

Dear ASU Students and Prospective Students:

It is my personal pleasure to introduce the Arizona State University 1999–2000 *General Catalog*. It is intended to put a great deal of important information at your fingertips and serve as a guide through your university experience.

The catalog compiles a rather imposing list of programs, courses, requirements, and services. We hope it is organized in a manner that makes it easy to find the information most applicable to you and your course of studies.

While the catalog will answer many of your questions, nothing will substitute for the guidance your advisor can provide. I strongly encourage you to work closely with an advisor to plan your academic program.

On behalf of Arizona State University, I wish you a challenging and fulfilling experience as you work to achieve your goals.

Sincerely,

A handwritten signature in black ink, appearing to read "Lattie F. Coor". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Lattie F. Coor
President

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ACC Accountancy	157	CON Construction	205
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AES Aerospace Studies.....	334	CPY Counseling Psychology ²	
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AFH African American Studies.....	337	CSH Chicana and Chicano Studies.....	352
AFR African American Studies.....	337	CSS Chicana and Chicano Studies.....	352
AFS African American Studies.....	337	DAH Dance History.....	277
AGB Agribusiness.....	8	DAN Dance.....	277
AIS American Indian Studies.....	447	DCI Curriculum and Instruction	185
AJS Administration of Justice ¹		DSC Design.....	135
AMS American Studies ¹		ECD Early Childhood Education	185
AMT Aeronautical Management Technology	17	ECE Engineering Core.....	209
ANP Environmental Analysis and Programming	126	ECN Economics	160
APA Asian Pacific American Studies	448	EDA Educational Administration and Supervision ²	
APH Architectural Philosophy and History.....	126	EDP Educational Psychology	194
ARA Art Auxiliary	269	EED Elementary Education	187
ARB Arabic.....	386	EEE Electrical Engineering	237
ARE Art Education	269	EET Electronics Engineering Technology.....	22
ARP Architecture Professional Studies	127	EMC Educational Media and Computers	186
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ASE Analysis and Systems	209	ETC Engineering Technology Core.....	14
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COE College of Education ²		HON Honors	318
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HRM Human Resources Management ¹	NOR Norwegian	390
HSA Health Services Administration.....	NUR Nursing	439
HUD Housing and Urban Development	OPM Operations and Production Management	170
HUM Humanities	PAF Public Affairs	461
IAP Interdisciplinary Arts and Performance ¹	PGS Psychology.....	421
IAS Integrative Studies ¹	PHI Philosophy	405
IBS International Business Studies	PHS Physical Sciences.....	409
IDN Indonesian	PHY Physics	409
IED Indian Education	PLA Landscape Architecture	145
IEE Industrial and Management Systems	PLB Plant Biology	414
Engineering	POL Politics ¹	
	POR Portuguese	390
IMC Information and Management Core	POS Political Science	417
IND Industrial Design	PSY Psychology.....	422
INT Interior Design.....	PUB Scholarly Publishing ²	
IPO International Program Overseas	PUP Urban and Environmental Planning.....	146
ISM Information Systems Management ¹	QBA Quantitative Business Analysis.....	161, 171
ITA Italian.....	RDG Reading Education.....	189
ITM Industrial Technology Management.....	REA Real Estate	175
JAC Joint Admission Continuous Enrollment.....	REC Recreation.....	464
JPN Japanese.....	REL Religious Studies	424
JRN Journalism	RUS Russian.....	390
JUS Justice Studies	SBS Social and Behavioral Sciences ¹	
KOR Korean	SCA Scandinavian.....	391
LAT Latin	SCM Supply Chain Management	175
LAW Law ²	SED Secondary Education	190
LES Legal and Ethical Studies	SEM Science and Engineering of Materials ²	
LIA Liberal Arts and Sciences	SHS Speech and Hearing Science.....	429
LIN Linguistics ²	SOC Sociology.....	427
LIS Library Science	SPA Spanish.....	391
LNT Learning and Instructional Technology ²	SPE Special Education	191
LSC Life Sciences ¹	SPF Educational Policy Studies	193
MAE Mechanical and Aerospace Engineering	STE Society, Values, and Technology	210
MAT Mathematics	STP Statistics and Probability	399
MCB Molecular and Cellular Biology ²	SWE Swedish.....	393
MCE Multicultural Education.....	SWG Social Work ²	
MCO Mass Communication.....	SWU Social Work.....	470
MET Manufacturing Engineering Technology	TCM Telecommunication	456
MGT Management.....	THA Thai	393
MHL Music History/Literature	THE Theatre	297
MIC Microbiology.....	THP Theatre Performance and Production	298
MIS Military Science	TWC Technical Writing and Communication.....	11
MKT Marketing	UET Microelectronics Engineering Technology.....	23
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MUP Music Performance	WST Women's Studies	433
MUS Music		

¹ See the *ASU West Catalog*.

² See the *Graduate Catalog*.

Academic Organization

Organized under ASU Main, ASU East, ASU West, and ASU Extended Campus are colleges, schools, departments, and other administrative units whose faculty offer courses.

ASU Main

College of Architecture and Environmental Design

School of Architecture
School of Design
School of Planning and Landscape Architecture

College of Business

Department of Economics
Department of Finance
Department of Management
Department of Marketing
Department of Supply Chain Management
School of Accountancy and Information Management
School of Health Administration and Policy

College of Education

Division of Curriculum and Instruction
Division of Educational Leadership and Policy Studies
Division of Psychology in Education

College of Engineering and Applied Sciences

Del E. Webb School of Construction

School of Engineering

Department of Chemical, Bio, and Materials Engineering
Department of Civil and Environmental Engineering
Department of Computer Science and Engineering
Department of Electrical Engineering
Department of Industrial and Management Systems Engineering
Department of Mechanical and Aerospace Engineering

College of Fine Arts

Department of Dance
Department of Theatre
School of Art
School of Music

College of Law

College of Liberal Arts and Sciences

African American Studies Program
Department of Aerospace Studies
Department of Anthropology
Department of Biology
Department of Chemistry and Biochemistry
Department of Chicana and Chicano Studies
Department of English
Department of Exercise Science and Physical Education
Department of Family Resources and Human Development

Department of Geography
Department of Geology
Department of History
Department of Languages and Literatures
Department of Mathematics
Department of Microbiology
Department of Military Science
Department of Philosophy
Department of Physics and Astronomy
Department of Plant Biology
Department of Political Science
Department of Psychology
Department of Religious Studies
Department of Sociology
Department of Speech and Hearing Science
Interdisciplinary Humanities Program
Women's Studies Program

College of Nursing

College of Public Programs

American Indian Studies
Asian Pacific American Program
Department of Communication
Department of Recreation Management and Tourism
Nonprofit Leadership and Management Program
School of Justice Studies
School of Public Affairs
School of Social Work
Walter Cronkite School of Journalism and Telecommunication

Division of Undergraduate Academic Services

Bachelor of Interdisciplinary Studies
University 100 Program
Writing Across the Curriculum

Graduate College

University Honors College

ASU East

Morrison School of Agribusiness and Resource Management

East College

College of Technology and Applied Sciences

Department of Aeronautical Management Technology
Department of Electronics and Computer Engineering Technology
Department of Information and Management Technology
Department of Manufacturing and Aeronautical Engineering Technology

ASU West

College of Arts and Sciences

Department of American Studies
Department of Integrative Studies
Department of Interdisciplinary Arts and Performance
Department of Life Sciences
Department of Social and Behavioral Sciences
Ethnic Studies Program
Women's Studies Program

College of Education

Undergraduate Professional Teacher Preparation
Graduate Programs
Postbaccalaureate Programs for Teacher Certification

College of Human Services

Department of Administration of Justice
Department of Communication Studies
Department of Recreation and Tourism Management
Department of Social Work
Gerontology Program
Nursing (ASU Main program)

Division of Collaborative Programs

Center for Writing Across the Curriculum
Research Consulting Center
University-College Center
University Honors College

School of Management

Accountancy
Business Administration
Global Business

University Honors College

ASU Extended Campus

College of Extended Education

ASU Baccalaureate Degrees

Baccalaureate degrees, majors, and concentrations offered at ASU Main, ASU East, and ASU West are shown in the “ASU Baccalaureate Degrees” table below, which points to the primary page where more information can be found. The table shows only officially approved concentrations; other informal areas of study may also be available. Where indicated, the approved area of study is called an “emphasis” or some other name in place of “concentration.” For graduate degrees, see the “ASU Graduate Degrees” table, page 311.

ASU Baccalaureate Degrees

Degree/Major	Concentration	Campus	Page
Bachelor of Applied Science			
Applied Science	Aviation maintenance management technology, aviation management technology, computer systems administration, consumer products technology, digital media management, digital publishing, emergency management, fire service management, food retailing, instrumentation, microcomputer systems, operations management, production technology, resource team specialist, semiconductor technology, software technology applications, technical graphics	East	17
	All minors available at ASU West, individualized concentration	West	3
Bachelor of Arts			
African American Studies		Main	336
American Studies	Emphases: American cultures, American lives, American systems, writing	West	3
Anthropology		Main	337
Art	Art history, photographic studies, studio art	Main	264
Asian Languages (Chinese/Japanese)		Main	380
Broadcasting	Emphases: broadcast journalism, business/management	Main	454
Chemistry		Main	347
Chicana and Chicano Studies	Humanities/cultural sciences, social sciences/policy	Main	351
Communication		Main	448
Communication Studies	Emphases: communication and culture; communication and organizations; communication and relationships; rhetoric, philosophy, and media studies	West	3
Economics		Main	159, 353
English	Linguistics, literature	Main West	354 3
French		Main	381
Geography	Meteorology-climatology, urban studies	Main	367
German		Main	381
History		Main West	374 3
Humanities	Architecture; architecture, culture, and society; business; design; film studies; humanities/liberal arts; justice studies; planning	Main	378
Integrative Studies	All minors available at ASU West, individualized concentration	West	3
Interdisciplinary Studies		Main	330
Interdisciplinary Arts and Performance	Media, music, performance studies, theater/performance, visual art	West	3
Italian		Main	382

¹ Applications for this program are not being accepted at this time.

² See “Approved Concentrations,” page 114.

³ This major requires more than 120 semester hours to complete.

⁴ This program is administered by ASU Main.

ASU Baccalaureate Degrees (continued)

Degree/Major	Concentration	Campus	Page
Bachelor of Arts (continued)			
Journalism	Emphases: news-editorial, public relations, visual journalism	Main	454
Mathematics		Main	394
Music		Main	280
Philosophy		Main	405
Political Science		Main	416
Politics		West	3
Psychology		Main	420
		West	3
Religious Studies		Main	424
Russian		Main	382
Social and Behavioral Sciences	Emphases: interdisciplinary behavioral sciences, interdisciplinary social sciences	West	3
Sociology		Main	426
		West	3
Spanish		Main	382
		West	3
Theatre	Acting, design/technical theatre, directing/stage management, history/theory and criticism	Main	293
Women's Studies		Main	432
		West	3
Bachelor of Arts in Education			
Early Childhood Education		Main	179
Elementary Education	Bilingual education/English as a second language	Main	179
		East ⁴	11
Elementary Education	Bilingual education, early childhood education, English as a second language Option: middle school education	West	3
Secondary Education	Academic specializations: biological sciences, business education, chemistry, Chinese, communication, economics, English, family resources and human development (home economics), French, geography, German, history, Japanese, journalism, mathematics, mathematics/chemistry, mathematics/physics, physical education, physics, physics/chemistry, political science, Russian, social studies, Spanish	Main	179
Secondary Education	Academic specializations: biological sciences, English, history, mathematics, social studies Option: middle school education	West	3
Selected Studies in Education ¹		Main	178
Special Education		Main	179
		West	3
Bachelor of Fine Arts			
Art	Art education, ceramics, drawing, fibers, intermedia, metals, painting, photography, printmaking, sculpture	Main	265
Dance	Choreography, dance education, dance studies, performance	Main	276
Theatre	Theatre education	Main	295
Bachelor of Interdisciplinary Studies²			
Interdisciplinary Studies		Main	114
Bachelor of Music			
Music Education	Choral-general, instrumental, string	Main	280
Music Therapy		Main	285
Performance	Guitar, jazz, keyboard, music theatre, orchestral instrument, piano accompanying, voice	Main	282
Theory and Composition	Composition, theory	Main	286

ASU Baccalaureate Degrees (continued)

Degree/Major	Concentration	Campus	Page
Bachelor of Science			
Accountancy		Main	157
		West	3
Administration of Justice		West	3
Aeronautical Engineering Technology ³		East	31
Aeronautical Management Technology ³	Airway science flight management, airway science management	East	15
Agribusiness	Food science, general agribusiness, international agribusiness, preveterinary medicine, professional golf management, resource management	East	6
Biology	Biology and society	Main	342
Chemistry	Biochemistry	Main	347
Clinical Laboratory Sciences		Main	400
Communication		Main	448
Communication Studies	Emphases: communication and culture; communication and organizations; communication and relationships; rhetoric, philosophy, and media studies	West	3
Computer Information Systems		Main	157
Computer Science ³		Main	229, 353
Conservation Biology		Main	342
Construction ³	Options: general building construction, heavy construction, residential construction, specialty construction	Main	202
Economics		Main	159, 353
Electronics Engineering Technology ³	Computer systems, electronic systems, microelectronics, telecommunications	East	19
Engineering Interdisciplinary Studies ¹		Main	198
Environmental Resources	Natural resource management	Main	138
Exercise Science/Physical Education	Exercise and wellness, exercise science, physical education	Main	359
Family Resources and Human Development	Family resources and human development in business, family studies/child development, human nutrition—dietetics	Main	363
Finance		Main	162
Geography	Meteorology-climatology, urban studies	Main	368
Geology		Main	371
Global Business	Financial management, human resources management, information systems management, international studies, marketing	West	3
History		Main	374
Industrial Technology ³	Environmental technology management, industrial technology management, information technology	East	24
Interdisciplinary Studies		Main	330
Justice Studies		Main	458
Life Sciences	Emphases: cell biology and physiology, ecology and organismal biology, human biology and environment	West	3
Management		Main	166
Manufacturing Engineering Technology ³	Manufacturing engineering technology, mechanical engineering technology	East	30
Marketing		Main	171
Mathematics	Options: applied mathematics, computational mathematics, general mathematics, pure mathematics, statistics and probability	Main	394
Microbiology		Main	400
Physics	Emphasis: astronomy Options: I, II	Main	407

¹ Applications for this program are not being accepted at this time.

² See "Approved Concentrations," page 114.

³ This major requires more than 120 semester hours to complete.

⁴ This program is administered by ASU Main.

ASU Baccalaureate Degrees (continued)

Degree/Major	Concentration	Campus	Page
Bachelor of Science (continued)			
Plant Biology	Environmental science and ecology, molecular biosciences/ biotechnology, urban horticulture	Main	412
Political Science		Main	416
Politics		West	3
Psychology		Main	421
		West	3
Real Estate		Main	174
Recreation	Recreation management, tourism	Main	462
Recreation Tourism and Management		West	3
Social and Behavioral Sciences	Emphases: interdisciplinary behavioral sciences, interdisciplinary social sciences	West	3
Sociology		West	3
Speech and Hearing Science		Main	429
Supply Chain Management		Main	174
Women's Studies		Main	432
		West	3
Bachelor of Science in Design			
Architectural Studies		Main	121
Design Science ¹		Main	128
Graphic Design		Main	128
Housing and Urban Development		Main	137
Industrial Design		Main	128
Interior Design ³		Main	128
Bachelor of Science in Engineering³			
Aerospace Engineering ³	Emphases: aerodynamics, aerospace materials, aerospace structures, computer methods, design, mechanical, propulsion, system dynamics and control	Main	244
Bioengineering ³	Emphases: biochemical engineering, bioelectrical engineering, biomaterials engineering, biomechanical engineering, biomedical imaging engineering, biosystems engineering, molecular and cellular bioengineering, premedical engineering	Main	213
Chemical Engineering ³	Emphases: biochemical, biomedical, environmental, materials, premedical, process engineering, semiconductor processing	Main	210
Civil Engineering ³	Option: environmental engineering	Main	222
Computer Systems Engineering ³		Main	230
Electrical Engineering ³		Main	235
Engineering Special Studies ³	Option: premedical engineering	Main	251
Industrial Engineering ³		Main	241
Materials Science and Engineering ³	Emphases: biomaterials, ceramic materials, energy systems, integrated circuit materials, manufacturing and materials processing, mechanical metallurgy, metallic materials systems, polymers and composites	Main	216
Mechanical Engineering ³	Emphases: aerospace; biomechanical; computer methods; control and dynamic systems; design; energy systems; engineering mechanics; manufacturing; stress analysis, failure prevention, and materials; thermosciences	Main	246
Bachelor of Science in Landscape Architecture			
Landscape Architecture		Main	138
Bachelor of Science in Nursing			
Nursing		Main	435
		West ⁴	3

ASU Baccalaureate Degrees (continued)

Degree/Major	Concentration	Campus	Page
Bachelor of Science in Planning Urban Planning		Main	138
Bachelor of Social Work Social Work		Main West	466 3

- ¹ Applications for this program are not being accepted at this time.
- ² See "Approved Concentrations," page 114.
- ³ This major requires more than 120 semester hours to complete.
- ⁴ This program is administered by ASU Main.



Museum of Geology

Tim Trumble photo

University Calendar

April 1999

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 1999

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

June 1999

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July 1999

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

August 1999

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1999

Check the 1999 *Summer Sessions Bulletin* for details.

Mon., Feb. 1–
Wed., June 2

Registration and drop/add for first five-week session and eight-week session

Mon., Feb. 1–
Wed., July 7

Registration and drop/add for second five-week session

Tues., Apr. 27

Final tuition payment deadline for all summer sessions
(For students who register after April 27, fees are due daily.)

Mon., May 31

Classes are excused for Memorial Day

Tues., June 1

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

Tues., June 8

Unrestricted withdrawal deadline for first five-week session

Tues., June 8

Unrestricted withdrawal deadline for eight-week session

Fri., June 18

Restricted course withdrawal for first five-week session and eight-week session

Fri., June 25

Restricted complete withdrawal deadline for first five-week session

Fri., July 2

August graduation filing deadline (must be met to have name appear in commencement program)

Fri., July 2

First five-week session ends

Mon., July 5

Classes are excused for Independence Day

Tues., July 6

Instruction begins for second five-week session

Tues., July 13

Unrestricted withdrawal deadline for second five-week session

Fri., July 16

Restricted complete withdrawal deadline for eight-week session

Fri., July 23

Eight-week session ends

Fri., July 23

Restricted course withdrawal deadline for second five-week session

Fri., July 30

Restricted complete withdrawal deadline for second five-week session

Thurs., Aug. 5

Second five-week session ends

Fri., Aug. 6

Commencement

1999

Fall Semester

Check the fall 1999 *Schedule of Classes* for details and to confirm these dates.

Thurs., Apr. 1–
Fri., Apr. 9

Preregistration

Mon., Apr. 26–
Fri., Aug. 27

Drop/add

Wed., Apr. 28–
Fri., Aug. 27

Registration

Tues., Aug. 3

Final tuition payment deadline for fall 1999
(For students who register after Aug. 3, fees are due daily.)

Thurs., Aug. 19–
Sun., Aug. 22

Experiencing ASU: Orientation '99 activities

Thurs., Aug. 19

New Faculty and Academic Professional Orientation and Reception

Mon., Aug. 23

Instruction begins

September 1999

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

October 1999

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

November 1999

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 1999

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

January 2000

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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

February 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29				

Mon., Sept. 6

Fri., Sept. 17

Fri., Oct. 1

Fri., Oct. 15

Fri., Oct. 29

Thurs., Nov. 11

Thurs., Nov. 25–

Fri., Nov. 26

Thurs., Dec. 2

Wed., Dec. 8

Thurs., Dec. 9

Fri., Dec. 10–

Sat., Dec. 11;

Mon., Dec. 13–

Thurs., Dec. 16

Fri., Dec. 17

Sat., Dec. 18

Tues., Dec. 28

2000

Check the spring 2000 *Schedule of Classes* for details and to confirm these dates.

Mon., Oct. 25–

Tues., Nov. 2, 1999

Mon., Nov. 15, 1999–

Fri., Jan. 21, 2000

Wed., Nov. 17, 1999–

Fri., Jan. 21, 2000

Mon., Dec. 20, 1999

Fri., Dec. 31, 1999

Thurs., Jan. 13

Fri., Jan. 14

Fri., Jan. 14

Mon., Jan. 17

Tues., Jan. 18

Fri., Feb. 11

Sun., Mar. 12–

Sun., Mar. 19

Fri., Mar. 31

Fri., Mar. 31

Thurs., Apr. 27

Wed., May 3

Thurs., May 4

Classes are excused for Labor Day

Unrestricted withdrawal deadline

Winter session (College of Extended Education [CEE]) registration begins

December graduation filing deadline (must be met to have name appear in commencement program)

Restricted course withdrawal deadline

Classes are excused for Veterans Day

Classes are excused for Thanksgiving recess

Restricted complete withdrawal deadline

Instruction ends

Reading day

Final examinations

Commencement

Midyear recess begins

Winter session (CEE) instruction begins

Spring Semester

Preregistration

Drop/add

Registration

Final tuition payment deadline for spring 2000 (For students who register after Jan. 4, fees are due daily.)

Winter session classes are excused for New Year's Day

Orientation and advising for new transfer students

Orientation and advising for new freshmen

Winter session (CEE) instruction ends

Classes are excused for Martin Luther King Jr. Day

Instruction begins

Unrestricted withdrawal deadline

Classes are excused for spring recess

May graduation filing deadline (must be met to have name appear in commencement program)

Restricted course withdrawal deadline

Restricted complete withdrawal deadline

Instruction ends

Reading day

March 2000

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

April 2000

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16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

May 2000

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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

June 2000

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

July 2000

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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

August 2000

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Fri., May 5–
Sat., May 6;
Mon., May 8–
Thurs., May 11
Fri., May 12

Final examinations

Commencement

2000**Summer Sessions**

Check the 2000 *Summer Sessions Bulletin* for details and to confirm these dates.

Mon., Jan. 31–
Wed., May 31

Registration and drop/add for first five-week session
and eight-week session

Mon., Jan. 31–
Tues., July 5

Registration and drop/add for second five-week session

Tues., Apr. 25

Final tuition payment deadline for all summer sessions
(For students who register after April 25, fees are due daily.)

Mon., May 29

Memorial Day Holiday

Tues., May 30

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

Tues., June 6

Unrestricted withdrawal deadline for first five-week session

Tues., June 6

Unrestricted withdrawal deadline for eight-week session

Fri., June 16

Restricted course withdrawal deadline for first five-week session and
eight-week session

Fri., June 23

Restricted complete withdrawal deadline for first five-week session

Fri., June 30

First five-week session ends

Mon., July 3

Instruction begins for second five-week session

Tues., July 4

Classes are excused for Independence Day

Fri., July 7

August graduation filing deadline (must be met to have name appear
in commencement program)

Mon., July 10

Unrestricted withdrawal deadline for second five-week session

Fri., July 14

Restricted complete withdrawal deadline for eight-week session

Fri., July 21

Eight-week session ends

Fri., July 21

Restricted course withdrawal deadline for second five-week session

Fri., July 28

Restricted complete withdrawal deadline for second five-week
session

Thurs., Aug. 3

Second five-week session ends

Fri., Aug. 4

Commencement

Frequently Asked Questions

How do I apply to ASU Main?

Complete an application and have all required transcripts and test scores sent directly to Undergraduate Admissions. See “Undergraduate Admission,” page 60.

How do I apply to ASU East?

Complete an application. Request all required transcripts and test scores be sent to Undergraduate Admissions. See “Undergraduate Admission,” page 60. For more information, call 480/727-1142.

How do I apply to ASU West?

Contact the Admissions and Records Office at ASU West. See “Admission and Advising,” page 2. For more information, call 602/543-8123.

What is the ASU Extended Campus?

The ASU Extended Campus offers courses evenings and weekends, by television, the Internet, at on- and off-campus sites, and through Independent Learning. See “ASU Extended Campus,” page 27, or call 480/965-3986 for information and a course catalog.

What if I am a transfer student?

Upon admission, note the number of semester hours on your Certificate of Admission. When registering, consult your department advisor to determine how transfer credits fit into the curriculum (see “Academic Advising,” page 71). Have you met the First-Year Composition requirement (see “First-Year Composition Requirement,” page 81)? If you have completed 87 or more semester hours, file a program of study or declaration of graduation (see “Program of Study Requirements,” page 83).

What if I have a disability or am a veteran?

If you have a disability and will be requesting academic accommodations, see “Disability Resources for Students,” page 43, and “Applicants with Disabilities,” page 67. Veteran students using GI benefits, see “Veterans Services,” page 40.

How do I get financial aid?

In addition to applying for admission, complete the FAFSA before March 1. If you meet financial aid program criteria, you receive an award notification after April 15. See “STUDENT FINANCIAL ASSISTANCE,” page 40, and “Financial Aid,” page 51.

How do I find a place to live and purchase a meal plan?

Apply early (four to six months in advance of the semester). See “RESIDENTIAL LIFE,” page 41, for information on student housing. Meal plans may be purchased in advance for ASU Main or upon arrival on campus. For more information about Main campus options, call Residential Life at 480/965-3515, and Campus Dining Services at 480/965-3464. For ASU East housing, call 480/727-1700, and for ASU East dining call 480/988-2903, or refer to “CAMPUS AND STUDENT SERVICES,” page 4, in the “ASU East” section, for more information on dining and housing.

What about orientation?

Attend ASU Main orientation, where questions regarding advisement, class registration, student IDs, on-campus housing, and other pertinent topics are answered. See “Orientation,” page 61. Information regarding ASU East orientation can be obtained by calling 480/727-1041.

How do I get an ID, and what about parking?

See “Proof of Identification,” page 72, about obtaining an ASU student ID card. If you are planning to park at ASU Main, purchase a parking decal. See “Parking Decals,” page 48. Parking on ASU East campus is free. ASU East students may obtain student ID cards at the OASIS in the Center Building.

What about placement examinations and university testing requirements?

See “Placement Examinations,” page 70, and “University Testing Requirements,” page 70.

Before I register for classes, how do I get an advisor?

Call the college of your major to schedule an appointment with an academic advisor. See “Academic Advising,” page 71. For ASU East Academic Advising, see page “Academic Advising,” page 2.

When and how do I register?

Refer to the *Schedule of Classes* for registration procedures and dates or access registration information online at www.asu.edu/registrar. Remember that you must first provide proof of measles immunity to Student Health. See “Immunization Requirements,” page 61.

Once I am registered and ready to go, how can I ensure my success at ASU?

Consider enrolling in UNI 100 Academic Success at the University. See “Division of Undergraduate Academic Services,” page 113.

Now that the business is over, what’s left to do?

Become involved in the university by getting to know professors, joining student organizations, and taking advantage of the myriad of cultural, recreational, and social opportunities. For more information on ASU Main campus life, call Student Life at 480/965-6547, REACH at 480/965-2255, or ASASU at 480/965-3161; for ASU East, call 480/727-3278. Investigate the challenges and advantages of the University Honors College. See the “University Honors College,” page 316.

Academic Definitions

Academic Renewal. Under certain circumstances an undergraduate who has been readmitted to the university after an absence of at least five years may have the former record treated in the same manner as transfer credits. See “Academic Renewal,” page 71.

Advanced Placement. Students who have taken an advanced placement course of the College Entrance Examination Board (CEEB) in their secondary school and who have taken an Advanced Placement Examination of CEEB may receive university credit. See “Advanced Placement,” page 67.

AECF. The American English and Culture Program (AECF) features an intensive course of study designed for adult international students who desire to become proficient in English as a second language. See “American English and Culture Program,” pages 67 and 257.

ASU East. ASU East is located at the former Williams Air Force Base. See “ASU East,” page 1.

ASU Extended Campus. The ASU Extended Campus offers courses evenings and weekends, by television, the Internet, at on- and off-campus sites, and through Independent Learning. See “ASU Extended Campus,” page 27.

ASU Main. ASU Main is the principal campus of ASU, located in Tempe. See “ASU Main,” page 27.

ASU West. ASU West is the Phoenix branch campus of ASU, established in 1984 by the Arizona Legislature to serve the educational needs of residents in western Maricopa County. See “ASU West,” page 1.

Audit Enrollment. A student who audits a course attends regularly scheduled class sessions but earns no credit. See “Audit Enrollment,” page 74.

Buckley Amendment. See “Family Educational Rights and Privacy Act” in this section.

CLEP. As part of the College-Level Examination Program (CLEP), students who have taken a College-Level Examination of the College Entrance Examination Board may receive university credit. See “College-Level Examination Program,” page 67.

Comprehensive Exam. 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. See “Comprehensive Examinations,” page 67.

Concentration. A concentration is a selection of courses within a major.

Cooperative Education. Cooperative Education is any educational program that requires alternating classroom and work experience in government or industry. The work experience exists for its educational value. See “Cooperative Programs,” page 73.

Corequisite. A requirement to be met *while* taking one course, such as taking another particular course, is a corequisite. See also “Prerequisite” in this section.

Course Prefix. A course prefix is a three-letter designation assigned by each instruction unit. The “Course Prefix Index,” page 6, provides a comprehensive list. See also “Cross-Listing” in this section.

Credit Enrollment. One semester hour represents a minimum of one 50-minute class exercise per week per semester. A minimum of 120 semester hours is required for graduation with a baccalaureate degree. To obtain credit, a student must be properly registered and pay fees for the course.

Cross-Listing. One course may have more than one course prefix and may be offered by more than one department. Some instruction units require students to enroll in a course under a certain prefix to receive credit properly. Catalog course descriptions indicate courses that are cross-listed.

Cum Laude. An undergraduate student with a minimum of 60 semester hours of course work at ASU and a cumulative GPA of 3.40–3.59 graduates *cum laude*. See “General Graduation Information,” page 84. See also “Magna Cum Laude” and “Summa Cum Laude” in this section.

Declaration of Graduation. See “Program of Study” in this section.

Drop/Add. Drop/add is a process in which a student who has registered 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. See “Drop/Add,” page 75.

Family Educational Rights and Privacy Act. The Family Educational Rights and Privacy Act of 1974, or Buckley Amendment, sets forth the requirements governing the protection of the privacy of the education records of students who are or have been in attendance at ASU. See “Student Records,” page 79.

Freshman. A student who has earned 24 or fewer hours is a freshman.

General Studies Requirement. This is a requirement of all undergraduates. See “General Studies Requirement,” page 85.

GPA. The ASU grade point average (GPA) is obtained by dividing the total number of ASU grade points earned by the number of ASU semester hours graded. Grade point averages are rounded to the nearest hundredth of a grade point. See “Grade Point Average,” page 76.

Grade Points. For the purpose of computing the GPA, grade points are assigned to each of the grades for each semester hour as follows: “A,” four points; “B,” three points; “C,” two points; “D,” one point; and “E,” zero points.

Graduate Catalog. The *Graduate Catalog* describes the procedures and requirements for enrollment in the Graduate College. See “Graduate College,” page 301.

Graduate-Level Courses. Courses numbered 500–799 are designed for graduate students. However, an upper-division undergraduate student may enroll in graduate courses with the approval of his or her advisor, the course instructor, the department chair, and the dean of the college or school in which the course is offered. See “Course Numbering System,” page 58.

Incomplete. A mark of “I” (incomplete) is given by the instructor only when a student who is otherwise doing acceptable work is unable to complete a course because of illness or other conditions beyond the student’s control. See “Grading System,” page 73.

International Baccalaureate. Students who have taken a higher-level examination through the International Baccalaureate program may receive university credit. See “International Baccalaureate Diploma/Certificate,” page 67.

Junior. A student who has earned 56–86 hours is a junior.

Lower-Division Courses. Courses numbered 100–299 are designed primarily for freshmen and sophomores. See “Course Numbering System,” page 58.

Magna Cum Laude. A student with a minimum of 60 semester hours of course work at ASU and a cumulative GPA of 3.60–3.79 graduates *magna cum laude*. See also “Cum Laude” and “Summa Cum Laude” in this section.

Major. A major is a specialized group of courses contained within the program of study. Refer to college and school sections for specific descriptions and requirements.

Minor. A minor is a specialized group of courses contained within the program of study available from some instruction units. See “Minors,” page 110, and refer to college and school sections for specific descriptions and requirements.

Nonresident Tuition. This term refers to the charge assessed to nonresident students, as established in Arizona Board of Regents’ Policy 4-102. See also “Resident Tuition” in this section.

Omnibus Course. An omnibus course is offered on an experimental or tutorial basis when the course content is new or periodically changes. See “Omnibus Courses,” page 58.

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 schools within the university. See “Pass/Fail Enrollment,” page 75.

Placement Examination. A proficiency examination is given to waive a course requirement, validate certain transfer credits in professional programs, or determine a student’s ability in a field where competence is an important consideration. See “Placement Examinations,” page 70.

Prerequisite. A requirement to be met *before* registering for one course, such as completing another particular course, is a prerequisite. See also “Corequisite” in this section.

Probation. A student’s college assumes responsibility for enforcing academic standards and may place any student on probation who has failed to maintain good standing. A student on academic probation is required to observe any rules or limitations the college may impose as a condition for retention. See “Probation,” page 78.

Program of Study. The complete array of courses included in the study leading to a degree make up a student’s program of study. A student must file an Undergraduate Program of Study or a Declaration of Graduation for graduation within the semester the student earns his or her 87th hour. See “Declaration of Graduation,” page 83.

Resident Tuition. This term refers to the charge assessed to resident students who register for classes at ASU. See also “Nonresident Tuition” in this section.

Restricted Complete Withdrawal. From the fifth week to the transaction deadline for a semester and from the seventh day to the transaction deadline for a summer session, students may withdraw from all courses but receive a mark of “W” only from courses in which the instructor certifies that they are passing at the time of the withdrawal.

Restricted Course Withdrawal. From the fifth week to the end of the 10th week of a semester and from the seventh day to the end of the third week of a summer session, students may withdraw with a mark of “W” only from courses in which the instructor certifies that they are passing at the time of withdrawal. See “Restricted Withdrawal,” page 75.

Senior. A student who has earned 87 or more hours of credit is a senior.

Sophomore. A student who has earned 25–55 hours of credit is a sophomore.

Summa Cum Laude. A student with a minimum of 60 semester hours of course work at ASU and a cumulative GPA of 3.80–4.00 graduates *summa cum laude*. See “Graduation with Academic Recognition,” page 84. See also “Cum Laude” and “Magna Cum Laude” in this section.

TOEFL. The Test of English as a Foreign Language (TOEFL) is taken by students whose native language is not English. See “TOEFL,” page 66, and “AECF” in this section.

Transcript. An official transcript lists in chronological order all courses taken at ASU. It includes all grades received. It is signed and dated by the Registrar and displays the embossed seal of the university. Unofficial transcripts include all information shown on the official transcript, plus information concerning changes, additions, etc., to the record. See “Transcripts,” page 77.

Unrestricted Course Withdrawal. During the first four weeks of a semester or the first six days of a summer session, a student may withdraw from any course with a mark of “W.” See “Unrestricted Course Withdrawal,” page 75.

Upper-Division Courses. Courses numbered 300–499 are designed primarily for juniors, seniors, and other advanced students. See “Course Numbering System,” page 58.

Accreditation and Affiliation

Arizona State University Main is accredited by the North Central Association (NCA) of Colleges and Secondary Schools. Arizona State University East is recognized by the NCA as a full-service campus and is accredited under the ASU Main umbrella. Programs in the various colleges, schools, divisions, and departments are accredited by, affiliated with, or members of national bodies as described in the “Academic Accreditation at ASU Main and East,” “Academic Affiliation,” and “Academic Membership” tables. Some programs in the College of Education are approved by the State Board of Education (Arizona) and the National Association of School Psychologists.

ASU West. ASU West is separately accredited by the Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools. Professional programs in the various academic areas are accredited by national bodies as described in the “Academic Accreditation at ASU West” table, page 24.

Academic Accreditation at ASU Main and East

Unit or Program	Accredited by
College of Architecture and Environmental Design	
B.S.D., Interior Design	Foundation for Interior Design Education Research
B.S.L.A.	Landscape Architectural Accreditation Board
M.Arch.	National Architectural Accrediting Board
M.E.P.	Planning Accreditation Board
College of Business	
all programs	American Assembly of Collegiate Schools of Business
School of Accountancy and Information Management	American Assembly of Collegiate Schools of Business
School of Health Administration and Policy	Accrediting Commission on Education for Health Services Administration
College of Education	
M.C., Counseling	Council for Accreditation of Counseling and Related Educational Programs
Ph.D., Counseling Psychology; Ph.D., Educational Psychology with a concentration in school psychology	American Psychological Association
College of Engineering and Applied Sciences	
B.S., Computer Science	Computer Science Accreditation Commission of the Computing Sciences Accreditation Board
B.S., Construction	American Council for Construction Education
B.S.E., Aerospace Engineering; B.S.E., Bioengineering; B.S.E., Chemical Engineering; B.S.E., Civil Engineering; B.S.E., Computer Systems Engineering; B.S.E., Electrical Engineering; B.S.E., Industrial Engineering; B.S.E., Materials Science and Engineering; B.S.E., Mechanical Engineering	Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc.
College of Fine Arts	
Department of Theatre	National Association of Schools of Theatre
School of Music	National Association of Schools of Music
College of Law	
J.D.	American Bar Association and Association of American Law Schools
College of Liberal Arts and Sciences	
B.A., B.S., Family Resources and Human Development with a concentration in human nutrition—dietetics; M.S., Family Resources and Human Development with a concentration in general family resources and human development (human nutrition and foods area)	American Dietetic Association
B.S., Clinical Laboratory Sciences	National Accrediting Agency for Clinical Laboratory Sciences

Academic Accreditation at ASU Main and East (continued)

Unit or Program	Accredited by
College of Liberal Arts and Sciences (continued)	
M.S., Communication Disorders	American Speech-Language-Hearing Association
Ph.D., Psychology with a concentration in clinical psychology	American Psychological Association
College of Nursing	
B.S.N., M.S., Nursing	Arizona Nurses Association (American Nurses Credentialing Center's Commission on Accreditation) Arizona State Board of Nursing National League for Nursing Commission on Collegiate Nursing Education (approved)
College of Public Programs	
B.S., Recreation	Council on Accreditation of the National Recreation and Park Association
B.S.W., M.S.W.	Council on Social Work Education
Master of Public Administration	National Association of Schools of Public Affairs and Administration
Walter Cronkite School of Journalism and Telecommunication	Accrediting Council on Education in Journalism and Mass Communications
College of Technology and Applied Sciences	
B.S., Aeronautical Engineering Technology; B.S., Electronics Engineering Technology; B.S., Manufacturing Engineering Technology	Technology Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc.

Academic Affiliation

Unit or Program	Affiliated with
College of Architecture and Environmental Design	
School of Architecture	American Institute of Architects, Central Arizona and Rio Salado Chapters Architectural Research Centers Consortium Association for Computer-Aided Design in Architecture Association of Collegiate Schools of Architecture
School of Design	American Society of Interior Designers Human Factors and Ergonomics Society Industrial Designers Society of America Interior Design Educators Council International Interior Design Association Society of Environmental Graphic Designers
School of Planning and Landscape Architecture	American Planning Association American Society of Landscape Architects Association of Collegiate Schools of Planning Council of Educators in Landscape Architecture Society for Range Management Soil and Water Conservation Society Wildlife Society
College of Education	American Association of Colleges for Teacher Education American Educational Research Association University Council for Educational Administration

Academic Membership

Unit or Program	Membership with
College of Education	American Association of Colleges for Teacher Education University Council for Educational Administration
College of Law	Association of American Law Schools
College of Liberal Arts and Sciences	
Department of Anthropology	American Anthropological Association Council for Museum Anthropology
Department of Biology	American Institute of Biological Sciences American Society of Naturalists American Society of Zoologists Animal Behaviorists' Society Sigma Psi
Department of Chemistry and Biochemistry	American Association for Advancement of Science American Chemical Society American Society for Advancement of Science
Department of Exercise Science and Physical Education	American Alliance for Health, Physical Education, Recreation and Dance American College of Sports Medicine American Physical Society Arizona Society of Medical Technology Committee on Allied Health Education National Association for Physical Education in Higher Education North American Society for Sports History North American Society for Sports Psychology and Physical Activity
Department of Family Resources and Human Development	American Dietetic Association Development
Department of Geography	Association of American Geographers
Department of Geology	American Association of Petroleum Geologists American Geophysical Union American Institute of Professional Geologists Geological Society of America Mineralogical Society of America Society of Economic Paleontologists and Mineralogists
Department of History	American Association for State and Local History American Association of Museums American Historical Association Institute of Historical Research
Department of Languages and Literatures	American Council on Teaching Foreign Language International Studies Association Modern Language Association
Department of Mathematics	American Mathematical Society Mathematical Association of America Rocky Mountain Mathematics Consortium Society for Industrial and Applied Mathematics
Department of Microbiology	American Society of Microbiology
Department of Military Science	Association of U.S. Army
M.S., Ph.D., Molecular and Cellular Biology	American Society of Medical Technology
Department of Philosophy	American Philosophical Association
Department of Physics and Astronomy	Acoustical Society of America American Association of Physicists in Medicine American Association of Physics Teachers American Astronomical Society American Crystallographic Association American Physical Society American Vacuum Society International Astronomical Union Materials Research Society Optical Society of America

Academic Membership (continued)

Unit or Program	Membership with
Department of Plant Biology	American Institute of Biological Sciences American Society of Cell Biology American Society of Horticultural Science American Society of Photobiology American Society of Plant Physiologists American Society of Plant Taxonomy Arizona-Nevada Academy of Science Botanical Society of America Botanical Society of Japan California Botanical Society Ecological Society of America International Association of Landscape Ecology International Association of Plant Taxonomy International Association for Study of Plant Succulents International Association of Wood Anatomists International Organization of Paleobotany International Photosynthesis Society International Society of Arboriculture International Society of Ecological Modeling International Society of Plant Molecular Biology International Society of Plant Propagators International Union of Woody Plant Physiologists Microscopy Society of America Phycological Society of America Phytochemical Society of North America Sigma Xi Soil Science Society of America
Department of Political Science	American Political Science Association Inter-University Consortium for Political and Social Research
Department of Psychology	American Society of Clinical Psychologists
Department of Sociology	American Sociological Association
Women's Studies Program	Association for Women in Science National Women's Studies Association
College of Nursing	American Association of Colleges of Nursing Western Institute of Nursing
College of Public Programs	
Department of Communication	Speech Communication Association Western States Communication Association
Department of Recreation Management and Tourism	American Humanics, Inc. Arizona American Indian Tourism Association Arizona Heritage Alliance Arizona Park and Recreation Association Arizona State Therapeutic Association National Park and Recreation Association Travel Tourism Research Association
School of Justice Studies	Arizona Justice Educators Association of Criminal Justice Doctoral Programs National Academic Advising
School of Public Affairs	Onati International Institute for the Sociology of Law National Association of Schools of Public Affairs and Administration
Walter Cronkite School of Journalism and Telecommunication	Association of Schools of Journalism and Mass Communication Broadcast Education Association
Graduate College	Council of Graduate Schools
University Honors College	National Collegiate Honors Council

Academic Accreditation at ASU West

Unit or Program	Accredited by
College of Human Services Department of Recreation and Tourism Management Department of Social Work	National Recreation and Park Association/American Association for Leisure and Recreation Council on Social Work Education
School of Management all programs	American Assembly of Collegiate Schools of Business



Anthropology major Brandeis McBratney (left) measures a bone cast with Institute of Human Origins paleontologist Kaye Reed.

Tim Trumble photo