

General Studies

All undergraduate students must fulfill the General Studies requirement.

General Studies is based on four principles. The first is the distinction between skill and knowledge—the instrumental skills by means of which knowledge is acquired and communicated and the knowledge itself in the sense of fact, information, or conclusions. Second is the distinction between skill in the use of language and skill in the use of figures—literacy and numeracy. Third is the conventional division of knowledge into the humanities, the social sciences, and the natural sciences. And fourth is the concept of the university graduate as a person who is not only prepared for advanced study or a particular profession, but also is amply prepared to lead a constructive and satisfying personal, social, and civic or political life. This principle implies a commonality of knowledge (that is, knowledge shared with others), skill in learning and in communicating with others, and a diversity of learning that frees the person to enjoy the diversity of human potentiality. In addition to the four principles, the program recognizes the value of sustained experience in the acquisition of a skill or the mastery of a body of knowledge, the increasing importance of literacy and numeracy skills because of the rapid growth of modern knowledge, the utility of historical perspective, and the internationalization of modern life.

The General Studies Program consists of *five core areas* and *three awareness areas*. The core areas are as follows:

1. literacy and critical inquiry;
2. numeracy;
3. humanities and fine arts;
4. social and behavioral sciences; and
5. natural sciences.

These areas provide training in basic academic skills and assure that students are introduced to the traditional branches of knowledge.

The *three awareness areas* are as follows:

1. cultural diversity in the United States;
2. global awareness; and
3. historical awareness.

These contribute to the development of an international perspective, foster an understanding of current human events by study of the past, and pro-

mote appreciation of cultural diversity within the contemporary United States.

The courses approved by the ASU Main General Studies Council for meeting the General Studies requirement are noted in the *General Catalog* following this section, in the course descriptions, and in the *Schedule of Classes* each academic term. The courses approved by the ASU West General Studies Council can be found in the *ASU West Catalog* and in the *Schedule of Classes*.

General Studies Requirement

All students enrolled in a baccalaureate degree program must successfully complete a minimum of 35 semester hours of approved General Studies courses. The required distribution of General Studies courses among the core areas and awareness areas is described below. It is important to note that 35 semester hours must be taken in the five core areas. Each student also must take courses that satisfy two of the three awareness areas. Note, however, that the awareness area requirement does not mean that the student must exceed 35 hours. Many courses concurrently satisfy a core requirement and an awareness area requirement.

Although a course may satisfy a core area requirement and an awareness area requirement concurrently, *a course may not be used to concurrently satisfy requirements either in two core areas or in two awareness areas*, even if it is approved for those areas.

There is no limit to the number of advanced placement or CLEP credits that can be used to meet the General Studies requirement (see pages 53–55). However, the natural sciences (S1 and S2) and literacy and critical inquiry (L1 and L2) portions of the General Studies requirement are not satisfied by CLEP.

First-Year Composition is a university requirement of all students that is separate from and in addition to General Studies.

Transfer Credit

Students transferring from Arizona community colleges with the Transfer General Education Core Curriculum (TGECC) have met all lower-division portions of the General Studies requirement. Students transferring from other approved institutions of higher education ordinarily are given General Studies credit, hour for hour, for work done

in those institutions insofar as it is equivalent in content to General Studies courses at this university.

College and School Requirements

Colleges and schools may require their students to take specific courses to satisfy the General Studies requirement. In some instances, the number of semester hours exceeds the minimum 35 semester hours because of the required college or school courses.

Also, colleges and schools can define requirements that go beyond the General Studies requirement and require additional courses. Those colleges and schools can designate specific General Studies-approved courses that students must take to satisfy college or school requirements.

Students are encouraged to consult with an academic advisor in planning a program to ensure that it meets the various requirements. A well-planned program may enable a student to concurrently satisfy requirements at the university, college or school, and department levels.

CORE AREAS

Literacy and Critical Inquiry

Literacy is here defined broadly as communicative competence in written and oral discourse; critical inquiry is defined as the gathering, interpretation, and evaluation of evidence. Building on the proficiency attained in traditional freshman composition courses, the literacy and critical inquiry requirements help students sustain and extend their ability to reason critically and communicate clearly through language. Thus, the literacy and critical inquiry requirement stipulates a sequence of two courses beyond First-Year Composition.

Requirement. Six semester hours are required. One L1 course is required, typically at the sophomore level, in which students learn how to gather, interpret, and evaluate evidence and to express their findings in writing or speech. This course includes a series of formal, graded, and written or spoken assignments.

One L2 upper-division course is required with advanced subject-matter and rigorous critical-writing assignments. The course should be taken in the student's major discipline and may also count toward the major.

Numeracy

The numeracy requirement is intended to ensure that students have skill in basic mathematics, can use mathematical analysis in their chosen fields, and can understand how computers can make mathematical analysis more powerful and efficient. Numeracy thus has three components. First, the acquisition of essential skill in basic mathematics requires the student to complete a course in college algebra or to demonstrate a higher level of skill by completing a course for which college algebra is a prerequisite. The second component, the real-world application of mathematical reasoning, requires the student to take a course in the use of quantitative analysis to solve problems of substance. Many students may use courses in statistics to satisfy this requirement. The third component of numeracy requires use of the computer to assist in serious analytical work. Computers are widely used to study the implications of social decisions or to model physical systems, and computer modeling courses are available in many major programs.

Requirement. Six semester hours are required. *One course must be selected from the mathematics category; a second course must be selected from either of the remaining two categories listed below.* However, if competence is demonstrated in college algebra by passing an exemption examination, six semester hours are still required, and one course in the mathematics category that has College Algebra as a prerequisite may be selected, or all six semester hours may be taken in one or both of the two remaining categories.

1. *Mathematics.* A course in college mathematics (i.e., MAT 114), college algebra (i.e., MAT 117), pre-calculus (i.e., MAT 170), or any other mathematics course for which college algebra is a prerequisite fits this category.
2. *Statistics and Quantitative Reasoning.* Courses that emphasize the use of statistics or other mathematical methods in the interpretation of data and in describing and understanding quantitative relationships fit this category. The course selected can be taken in the student's major discipline and can count toward the major's semester-hour requirements.
3. *Computer Applications.* Courses that involve the use of computer programming languages or software in the development of skills in analytical thinking fit this category. The course selected can be taken in the student's major discipline and can count toward the major's semester-hour requirements.

Humanities and Fine Arts

The humanities are concerned with questions of human existence and the universality of human life, questions of meaning and the nature of thinking and knowing, and questions of moral, aesthetic, and other human values. The humanities investigate these questions in both the present and the past and make use of philosophy, foreign languages, linguistics and communication studies, religious studies, literature, and fine arts. The fine arts constitute the artist's creative deliberation about reality, meaning, knowledge, and values. The humanities and fine arts core area enables students to broaden and deepen their consideration of basic human values and their interpretation of the experiences of human beings.

Requirement. See “Combined Requirement” below.

Social and Behavioral Sciences

The social and behavioral sciences provide scientific methods of inquiry and empirical knowledge about human behavior, both within society and individually. The forms of study may be cultural, economic, geographic, historical, linguistic, political, psychological, or social. The courses in this area address the challenge of understanding the diverse natures of individuals and cultural groups who live together in a world of diminishing economic, linguistic, military, political, and social distance.

Combined Requirement. *A total of 15 semester hours must be completed in the following two core areas: social and behavioral sciences and humanities and fine arts. A minimum of six semester hours must be taken in one core area and nine hours in the other core area.* In addition, three conditions must be satisfied:

1. In one of these two core areas, two courses must be in the same department.
2. In one of these two core areas, courses from at least two departments must be taken. These two conditions may, but need not, be satisfied in the same core area.
3. At least one course within the 15 semester hours must be at the upper-division level.

Natural Sciences

Courses in the natural sciences core area help the student to develop an appreciation of the scope and limitations of scientific capability to contribute to the quality of society. Knowledge of methods of scientific inquiry and mastery of basic scientific principles and concepts, in particular those that relate to matter and energy in living and non-living systems, are stressed. Firsthand exposure to scientific phenomena in the laboratory is important in developing and understanding the concepts, principles, and vocabulary of science. At least one of the two laboratory courses required in the natural sciences core area must include an introduction to the fundamental behavior of matter and energy in physical or biological systems.

Requirement. Eight semester hours are required. *One laboratory course in the natural sciences that includes a sub-*

stantial introduction to the fundamental behavior of matter and energy in physical or biological systems is required.

A second laboratory course in the natural sciences selected, for example, from anthropology, astronomy, botany, chemistry, experimental psychology, geology, microbiology, physical anthropology, physical geography, physics, or zoology is required.

AWARENESS AREAS

Six semester hours taken in two of the three awareness areas are required. Courses that are listed for a core and an awareness area may satisfy both requirements concurrently.

Cultural Diversity in the United States

The contemporary “culture” of the United States involves the complex interplay of many different cultures that exist side by side in various states of harmony and conflict. The U.S. history involves the experiences not only of different groups of European immigrants and their descendants, but also of diverse groups of American Indians, Hispanic Americans, African Americans, and Asian Americans—all of whom played significant roles in the development of contemporary culture and together shape the future of the United States. At the same time, the recognition that gender, class, and religious differences cut across all distinctions of race and ethnicity offers an even richer variety of perspectives from which to view oneself. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present, and future and can help to achieve greater mutual understanding and respect.

The objective of the cultural diversity requirement is to promote awareness and appreciation of cultural diversity within the contemporary United States through the study of the cultural, social, or scientific contributions of women and minority groups, examination of their experiences in the United States, or exploration of successful or unsuccessful interactions between and among cultural groups.

Global Awareness

Human organizations and relationships have evolved from being family and village centered to the modern global interdependence that is apparent in many disciplines—for example, con-

temporary art, business, engineering, music, and the natural and social sciences. Many serious local and national problems are world issues and require solutions that exhibit mutuality and reciprocity. These problems occur in a wide variety of activities, such as food supply, ecology, health care delivery, language planning, information exchange, economic and social developments, law, technology transfer, and even philosophy and the arts. The global awareness area recognizes the need for an understanding of the values, elements, and social processes of cultures other than the culture of the United States. The global awareness area includes courses that recognize the nature of other contemporary cultures and the relationship of the American cultural system to generic human goals and welfare.

Courses that meet the requirement in global awareness are of one or more of the following types:

1. area studies that are concerned with an examination of culture-specific elements of a region of the world;
2. the study of foreign language;
3. studies of international relationships, particularly those in which cultural change is facilitated by such factors as social and economic development, education, and the transfer of technology; and
4. studies of cultural interrelationships of global scope such as the global interdependence produced by problems of world ecology.

Historical Awareness

The historical awareness area aims to develop a knowledge of the past that can be useful in shaping the present and future. Because historical forces and traditions have created modern life and lie just beneath its surface, historical awareness is an aid in the analysis of present-day problems. Also, because the historical past is a source of social and national identity, historical study can produce intercultural understanding by tracing cultural differences to their origins in the past. Even the remote past may have instructive analogies for the present.

The historical awareness area consists of courses that are historical in method and content. In this area, the term “history” designates a sequence of past events or a narrative whose intent or effect is to represent such a sequence.

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	114 Astronomy Laboratory II. (1) S (Both AST 112 and 114 or AST 114 and 322 must be taken to secure S1 or S2 credit.)								S1	.S2			
	321 Introduction to Planetary and Stellar Astrophysics. (3) F (Both AST 113 and 321 must be taken to secure S1 or S2 credit.)								S1	.S2			
	322 Introduction to Galactic and Extragalactic Astrophysics. (3) S..... (Both AST 114 and 322 must be taken to secure S1 or S2 credit.)								S1	.S2			
BIO	100 The Living World. (4) F, S								S1	.S2			
	181 General Biology. (4) F, S.....								S1	.S2			
	182 General Biology. (4) F, S.....									S2			
	321 Introductory Ecology Laboratory. (3) S		L2										
	330 Ecology and Conservation. (3) F											G	
	360 Cancer and Heart Disease. (3) F		L2										
	361 Radiation and Life. (3) S.....		L2										
	415 Biometry. (4) F				N2								
	420 Computer Applications in Biology. (3) F					N3							
	426 Limnology. (4) S.....		L2										
	428 Biogeography. (3) F.....		L2										
BME	201 Introduction to Bioengineering. (3) F		L1										
	(Cross-listed as STE 201.)												
	202 Global Awareness within Biomedical Engineering Design. (3) F.....		L1										
	413 Biomedical Instrumentation. (3) F.....		L2										
	423 Biomedical Instrumentation Laboratory. (1) F		L2										
BOT	108 Plants and Society. (4) F, S, SS								S1	.S2			
	231 Horticultural Science. (4) S									S2			
	300 Survey of the Plant Kingdom. (4) F.....		L2							S2			
	485 Plant Pathology. (3) F		L2										
BUS	301 Fundamentals of Management Communication. (3) F, S, SS		L1										
CDE	232 Human Development. (3) F, S							SB					
	430 Infant/Toddler Development in the Family. (3) F							SB					
	437 Observational and Naturalistic Methods of Studying Children. (3) S.....		L2					SB					
CEE	486 Integrated Civil Engineering Design. (3) S		L2										
CET	150 Digital Systems and Microprocessors. (3) F, S					N3							
CHE	352 Transport Laboratories. (3) S.....		L1										
	461 Process Control. (4) F					N3							
CHI	201 Intermediate Chinese. (5) F											G	
	202 Intermediate Chinese. (5) S											G	
	207 Chinese for International Professions II. (10) S											G	
	309 Chinese Conversation. (2) F											G	
	310 Chinese Conversation. (2) S											G	
	311 Chinese Conversation. (2) F											G	
	312 Chinese Conversation. (2) S											G	
	313 Advanced Chinese. (3) F											G	
	314 Advanced Chinese. (3) S											G	
	321 Chinese Literature. (3) F.....						HU						
	322 Chinese Literature. (3) S.....						HU					G	
	413 Introduction to Classical Chinese. (3) F						HU						
	414 Introduction to Classical Chinese. (3) S						HU						
CHM	101 Introductory Chemistry. (4) F, S, SS								S1	.S2			
	113 General Chemistry. (4) F, S, SS.....								S1	.S2			
	114 General Chemistry for Engineers. (4) F, S								S1	.S2			

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
115	General Chemistry with Qualitative Analysis. (5) F, S, SS								S1	S2			
116	General Chemistry. (4) F, S								S1	S2			
117	General Chemistry for Majors I. (4) F								S1	S2			
118	General Chemistry for Majors II. (5) S								S1	S2			
231	Elementary Organic Chemistry. (3) F, S (Both CHM 231 and 235 must be taken to secure S1 or S2 credit.)								S1	S2			
235	Elementary Organic Chemistry Laboratory. (1) F, S (Both CHM 231 and 235 must be taken to secure S1 or S2 credit.)								S1	S2			
444	General Physical Chemistry Laboratory. (2) S (Both CHM 444 and 452 must be taken to secure L2 credit.)		L2										
452	Inorganic Chemistry Laboratory. (1-2) S (Both CHM 444 and 452 must be taken to secure L2 credit.)		L2										
464	Biophysical Chemistry Laboratory. (2) S (Both CHM 464 and 467 must be taken to secure L2 credit.)		L2										
467	General Biochemistry Laboratory. (2) S (Both CHM 464 and 467 must be taken to secure L2 credit.)		L2										
CIS	200 Computers in Business. (3) F, S					N3							
CLS	450 Principles of Clinical Laboratory Administration. (2) F, S (Both CLS 450 and 460 must be taken to secure L2 credit.)		L2										
	460 Principles of Clinical Laboratory Education. (1) S (Both CLS 450 and 460 must be taken to secure L2 credit.)		L2										
COB	300 Strategic Business Foundations. (3) F, S, SS		L2										
COM	100 Introduction to Human Communication. (3) F, S, SS							SB					
	110 Elements of Interpersonal Communication. (3) F, S, SS							SB					
	222 Argumentation. (3) A		L1										
	225 Public Speaking. (3) F, S, SS		L1										
	230 Small Group Communication. (3) F, S, SS							SB					
	241 Introduction to Oral Interpretation. (3) F, S, SS		L1				HU						
	250 Introduction to Organizational Communication. (3) F, S, SS							SB					
	263 Elements of Intercultural Communication. (3) F, S							SB			C	G	
	308 Empirical Research Methods in Communication. (3) F, S, SS		L2										
	316 Gender and Communication. (3) F, S							SB			C		
	319 Persuasion and Social Influence. (3) F, S, SS							SB					
	320 Communication and Consumerism. (3) A							SB					
	321 Rhetorical Theory and Research. (3) F, S, SS		L2				HU						H
	325 Advanced Public Speaking. (3) F, S		L1										
	344 Performance of Oral Traditions. (3) N						HU				C		
	357 Communication Technology and Information Diffusion. (3) F							SB					
	371 Language, Culture, and Communication. (3) A							SB			C	G	
	410 Interpersonal Communication Theory and Research. (3) F, S, SS							SB					
	411 Communication in the Family. (3) A							SB					
	421 Rhetoric of Social Issues. (3) A						HU						
	426 Political Communication. (3) F, S							SB					
	441 Performance Studies. (3) F, S, SS						HU						
	445 Narrative Performance. (3) N						HU						
	446 Interpretation of Literature Written by Women. (3) N						HU				C		
	450 Theory and Research in Organizational Communication. (3) F, S, SS							SB					

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	463							SB				G	
	472							SB					
CON	101						HU					G	
	389					N3							
	472		L2										
	495					N3							
CSE	180					N3							
	181					N3							
	183					N3							
	200					N3							
	210					N3							
	225					N3							
	226					N3							
DAH	100						HU						
	300						HU						
	301		L2				HU						
	401						HU						
	402						HU						
DSC	100						HU					G	H
	101						HU					G	
	223						HU						
	236					N3							
	310						HU						H
	311						HU						H
	316						HU						H
	317						HU						H
	318						HU						
	412						HU						
	442		L2										
	470		L2										
ECE	100					N3							
	300		L1										
	380				N2								
	400		L2										
ECN	111							SB					
	112							SB					
	304		L1					SB					
	306							SB					
	313							SB					
	314							SB					
	331							SB				G	
	360							SB				G	
	365							SB				G	
	404							SB					
	421							SB					
	436							SB				G	
	438							SB				G	
	441		L2					SB					

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	450												
			L2										
	480					N2							
	485					N2							
EDP	303												
			L2										
	310							SB					
	454												
						N2							
EEE	225												
						N3							
	226												
						N3							
	490												
			L2										
EMC	321												
						N3							
	323												
						N3							
ENG	200												
			L1				HU						
	201							HU					H
	202							HU					H
	204							HU					
	212												
			L1										
	215												
			L1										
	216												
			L1										
	217												
			L1										
	218												
			L1										
	221							HU					H
	222							HU					H
	260							HU					
	301												
			L1										
	303							HU					
	307							HU					
	312							HU					
	321							HU					
			L2										
	331							HU					
			L2										
	332												
			L2										
	333										C		
	341							HU					
	342							HU					
	352							HU					
	353												
			L2					HU			C		
	354												
			L2					HU			C		
	355							HU					
			L2										
	356							HU					
	357							HU					
	359							HU			C		
			L2										
	360							HU					
	361							HU					
	362							HU					
	363										C		
	400							HU					
	413							HU					
	415							HU					
	416							HU					
	417							HU					

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	319	Business Correspondence and Communication. (3) S.....										G	
	321	French Literature. (3) F, S	L2				HU						H
	322	French Literature. (3) F, S	L2				HU						
	411	Advanced Spoken French. (3) F, S										G	
	412	Advanced Written French. (3) F, S.....										G	
	415	French Civilization I. (3) F					HU						
	416	French Civilization II. (3) S.....					HU					G	
	441	French Literature of the 17th Century. (3) N.....					HU						
	442	French Literature of the 17th Century. (3) N.....					HU						H
	445	French Literature of the 18th Century. (3) N.....	L2				HU						
	452	French Novel of the 19th Century. (3) N.....					HU						
	461	Preatomic Literature. (3) F.....					HU						
	462	Postatomic Literature. (3) S					HU						
	471	The Literature of Francophone Africa and the Caribbean. (3) N	L2				HU						
GCU	102	Introduction to Human Geography. (3) F, S.....						SB					
	121	World Geography. (4) F, S						SB				G	
	141	Introduction to Economic Geography. (3) F, S						SB					
	240	Introduction to Southeast Asia. (3) F..... (Cross-listed as ASB/HIS/POS/REL 240.)										G	
	253	Introduction to Cultural and Historical Geography. (3) A.....						SB				G	
	322	Geography of U.S. and Canada. (3) F.....						SB					
	323	Geography of Latin America. (3) F						SB				G	
	325	Geography of Europe. (3) S.....						SB				G	
	326	Geography of Asia. (3) S						SB				G	
	327	Geography of Africa. (3) F						SB				G	
	328	Geography of Middle East and North Africa. (3) A.....						SB				G	
	332	Geography of Australia and Oceania. (3) A										G	
	344	Geography of Hispanic Americans. (3) S.....									C		
	350	The Geography of World Crises. (3) F						SB				G	
	351	Population Geography. (3) F						SB					
	352	Political Geography. (3) S						SB				G	
	357	Social Geography. (3) A						SB					
	359	Cities of the World I. (3) F										G	
	360	Cities of the World II. (3) S										G	
	361	Urban Geography. (3) F, S.....						SB					
	423	Geography of South America. (3) F						SB				G	
	424	Geography of Mexico and Middle America. (3) S						SB				G	
	425	Geography of Mexican-American Borderland. (3) F	L2									G	
	426	Geography of the Soviet Union. (3) S						SB				G	
	442	Geography of Transportation. (3) N						SB					
	495	Quantitative Methods in Geography. (3) S.....			N2								
	496	Geographic Research Methods. (3) F, S	L2										
GER	201	Intermediate German. (4) F, S, SS.....										G	
	202	Intermediate German. (4) F, S, SS.....										G	
	311	German Conversation. (3) F										G	
	312	German Conversation. (3) S										G	
	313	German Composition. (3) S										G	
	319	Business Correspondence and Communication. (3) N										G	
	411	Advanced Grammar and Conversation. (3) F.....										G	
	412	Advanced Grammar and Composition. (3) S.....										G	
	415	German Civilization. (3) S.....					HU						H
	416	German Civilization. (3) F.....					HU						H
	421	German Literature. (3) F.....					HU						
	422	German Literature. (3) S.....	L2				HU						

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
GLG	101	Introduction to Geology I (Physical). (3) F, S, SS (Both GLG 101 and 103 must be taken to secure S1 or S2 credit.)											
	102	Introduction to Geology II (Historical). (3) S (Both GLG 102 and 104 must be taken to secure S2 credit.)											
	103	Introduction to Geology I–Laboratory. (1) F, S, SS (Both GLG 101 and 103 must be taken to secure S1 or S2 credit.)											
	104	Introduction to Geology II–Laboratory. (1) S (Both GLG 102 and 104 must be taken to secure S2 credit.)											
	110	Environmental Geology. (3) F											
	111	Environmental Geology Laboratory. (1) F											
GPH	111	Introduction to Physical Geography. (4) F, S											
	211	Landform Processes. (3) S											
	212	Introduction to Meteorology I. (3) F (Both GPH 212 and 214 must be taken to secure S2 credit.)											
	214	Introduction to Meteorology Laboratory I. (1) F (Both GPH 212 and 214 must be taken to secure S2 credit.)											
	381	Geography of Natural Resources. (3) A											
	418	Landforms of the Western United States. (3) F, S											
GRK	301	Greek Literature. (3) F											
	302	Greek Literature. (3) S											
HIS	100	Western Civilization. (3) F, S											
	101	Western Civilization. (3) F, S											
	102	Western Civilization. (3) F, S											
	103	The United States. (3) F, S											
	104	The United States. (3) F, S											
	107	Introduction to Japan. (3) A											
	230	American Social History. (3) F, S											
	240	Introduction to Southeast Asia. (3) F (Cross-listed as ASB/GCU/POS/REL 240.)											
	270	Judaism in American History. (3) N											
	273	American Military History. (3) F											
	300	Historical Inquiry. (3) F, S											
	303	American Cultural History. (3) F, S (Cross-listed as AMS 320 at ASU West.)											
	304	American Cultural History. (3) F, S (Cross-listed as AMS 321 at ASU West.)											
	305	Asian Civilizations. (3) F, S											
	306	Asian Civilizations. (3) F, S											
	311	Asian American Experiences: A Historical Perspective. (3) N											
	320	Ancient Greece. (3) A											
	321	Rome. (3) A											
	322	The Middle Ages. (3) A											
	323	The Middle Ages. (3) A											
	324	Renaissance. (3) F											
	325	Reformation. (3) S											
	326	Early Modern Europe. (3) A											
	327	Early Modern Europe. (3) A											
	329	19th-Century Europe. (3) A											
	330	19th-Century Europe. (3) A											
	331	20th-Century Europe. (3) N											
	332	20th-Century Europe. (3) N											
	333	Women and Society in Europe. (3) N											

	L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
335 Family, Class, and Society in Modern Europe. (3) N.....		L2					SB					H
351 England. (3) F, S							SB					H
352 England. (3) F, S							SB					H
357 19th-Century West. (3) F							SB					H
358 The West in the 20th Century. (3) S							SB					H
362 American Indian History. (3) F.....							SB			C		H
363 African-American History I. (3) A							SB			C		H
364 African-American History II. (3) A.....							SB			C		H
365 Islamic Civilization. (3) A						HU						H
366 The Modern Middle East. (3) S							SB				G	H
370 Women in U.S. History, 1600–1880. (3) F.....							SB			C		H
371 Women in U.S. History, 1880–1980. (3) S.....							SB			C		H
380 History of the Mexican-American. (3) A.....							SB					H
382 Historical Statistics. (3) S				N2								
383 Latin America. (3) A.....							SB					H
384 Latin America. (3) A.....							SB					H
401 American Colonial History. (3) A							SB					H
404 The Early Republic, 1789–1850. (3) A.....		L2					SB					H
406 Civil War and Reconstruction. (3) A.....		L2					SB					H
407 The Emergence of Modern America. (3) A.....							SB					H
409 Recent American History. (3) A.....							SB					H
410 Recent American History. (3) A.....							SB					H
411 Contemporary America. (3) A.....							SB					H
414 The Modern American Economy. (3) A.....							SB					H
415 American Diplomatic History. (3) A							SB					H
416 American Diplomatic History. (3) A							SB				G	H
417 Constitutional History of the United States. (3) N.....							SB					H
418 Constitutional History of the United States. (3) N.....							SB					H
419 American Urban History. (3) A							SB					H
420 American Urban History. (3) A							SB					H
421 History of American Labor. (3) A							SB					H
422 Rebellious Women. (3) A		L2					SB			C		H
424 The Hispanic Southwest. (3) N.....							SB					H
425 The American Southwest. (3) N		L2					SB					H
426 Indian History of the Southwest. (3) S							SB			C		H
428 Arizona. (3) A.....							SB					H
430 20th-Century Chicano History. (3) A							SB					H
431 The French Revolution and the Napoleonic Era. (3) N							SB					H
433 Modern France. (3) A							SB				G	H
434 Hitler: Man and Legend. (3) N							SB					H
435 Modern Germany. (3) A							SB				G	H
437 Eastern Europe and the Balkans. (3) A.....							SB					H
438 Eastern Europe and the Balkans. (3) A.....							SB				G	H
441 Imperial Russia. (3) A.....							SB					H
442 The Soviet Union. (3) A							SB				G	H
443 Russia and the United States. (3) A							SB				G	H
445 Tudor England. (3) A.....							SB					H
446 Stuart England. (3) A.....							SB					H
449 Modern Britain. (3) A							SB				G	H
450 British Constitutional History. (3) A							SB					H
451 The British Empire. (3) A.....							SB					H
452 Economic History of Europe. (3) N.....							SB					H
453 Economic History of Europe. (3) N.....							SB				G	H
455 Intellectual History of Modern Europe. (3) A						HU						H
456 History of Spain. (3) N						HU	SB					H
457 History of Spain. (3) N						HU	SB				G	H

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	113	General Physics Laboratory. (1) F, S, SS (Both PHY 111 and 113 or PHY 113 and 321 must be taken to secure S1 or S2 credit.)											
	114	General Physics Laboratory. (1) F, S, SS (Both PHY 112 and 114 or PHY 114 and 322 must be taken to secure S1 or S2 credit.)											
	121	University Physics I: Mechanics. (3) F, S, SS (Both PHY 121 and 122 must be taken to secure S1 or S2 credit.)											
	122	University Physics Laboratory I. (1) F, S, SS..... (Both PHY 121 and 122 must be taken to secure S1 or S2 credit.)											
	131	University Physics II: Electricity and Magnetism. (3) F, S, SS (Both PHY 131 and 132 must be taken to secure S1 or S2 credit.)											
	132	University Physics Laboratory II. (1) S, SS..... (Both PHY 131 and 132 must be taken to secure S1 or S2 credit.)											
	252	Physics III. (4) S '98.....											
	334	Intermediate Physics Laboratory II. (3) F, S L2											
PLA	310	History of Landscape Architecture. (3) F H (Cross-listed as APH 411.)											
	420	Theory of Urban Design. (3) F HU (Cross-listed as PUP 420.)											
POR	201	Intermediate Portuguese. (5) S..... G											
	313	Portuguese Composition and Conversation. (3) F G											
	314	Portuguese Composition and Conversation. (3) S G											
	321	Luso-Brazilian Literature. (3) N HU											
	472	Luso-Brazilian Civilization. (3) N..... HU G											
POS	101	Political Ideologies. (3) F, S SB											
	110	Government and Politics. (3) F, S..... SB											
	150	Comparative Government. (3) F, S..... SB G											
	160	Global Politics. (3) F, S SB G											
	220	Political Issues and Public Policy. (3) A..... SB											
	230	Current Issues in National Politics. (3) F, S SB											
	240	Introduction to Southeast Asia. (3) F..... G (Cross-listed as ASB/GCU/HIS/REL 240.)											
	260	Current Issues in International Politics. (3) F, S..... SB G											
	270	American Legal System. (3) F, S..... SB											
	301	Empirical Political Inquiry. (3) F, S SB											
	310	American National Government. (3) F, S..... SB											
	311	Arizona Constitution and Government. (2) F, S..... SB											
	313	The Congress. (3) A..... SB											
	314	The American Presidency. (3) A SB											
	315	The Supreme Court. (3) A SB											
	316	State and Local Government. (3) A..... SB											
	320	Public Administration. (3) A SB											
	325	Public Policy Development. (3) A..... SB											
	331	Public Opinion. (3) A..... SB											
	332	American Political Parties. (3) A..... SB											
	333	Interest Groups. (3) A SB											
	336	Electoral Behavior. (3) A..... SB											
	340	History of Political Philosophy I. (3) A..... HU H											
	341	History of Political Philosophy II. (3) A..... HU H											
	346	Problems of Democracy. (3) A..... HU											
	350	Comparative Politics. (3) A SB G											

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	211											G	
	212											G	
	311											G	
	312											G	
	321		L2				HU						H
	322		L2				HU						
	323		L2				HU					G	
	411											G	
	412											G	
	420		L2				HU						
	421		L2				HU						
	423		L2				HU						
	424		L2				HU						
	425		L2				HU						
	426		L2				HU					G	
	430		L2				HU						
	441						HU					G	H
SOC	101							SB					
	301							SB					
	312							SB					
	315							SB					
	318							SB					
	321							SB					
	331							SB					
	332							SB					
	333							SB				G	
	340							SB					
	341							SB					
	352							SB				G	H
	360							SB					
	361							SB					
	365							SB					
	391							SB					
	395					N2							
	415							SB					
	416		L2					SB					
	417							SB					
	418							SB					
	420		L2					SB					
	422		L2					SB					
	423		L2					SB					
	427		L2					SB					
	428		L2										
	429							SB					
	433							SB					
	446							SB					
	451							SB				G	
	455							SB					
	456							SB				G	
	462							SB					
	464		L2					SB			C		
	470							SB					
	474		L2					SB			C		
	483		L2					SB					

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	485												
			L2					SB					
	486							SB					
SPA	201											G	
	202											G	
	203											G	
	204											G	
	207											G	
	313											G	
	314											G	
	319											G	
	325							HU					
	412											G	
	413											G	
	420												
			L2										
	421							SB			C		
	425							HU					
	426							HU					
	427												
			L2										
	464							HU					
	471							HU					
	472							HU				G	H
	473							HU	SB			G	
SPE	311								SB				
SPF	457								SB			G	
STE	201												
			L1										
STP	226												
						N2							
	326												
						N2							
	420												
						N2							
	429												
						N3							
SWU	301												
			L2					SB					
	331												H
	402								SB				
	474										C		
TCM	201												
			L1										
	315												
			L2										
THA	201											G	
	202											G	
THE	100												
								HU					
	104												
			L1										
	300												
								HU					
	320												H
	321												H
	322												H
	401										C		
	420												H
	421												
			L2										
	425												
			L2										
VTN	201											G	
	202											G	
WST	100												
								SB			C		
	300												
								SB			C		

		L1	L2	N1	N2	N3	HU	SB	S1	S2	C	G	H
	373	Latina/Chicana Issues. (3) F, S						SB			C		
	375	Women and Social Change. (3) S									C		
	376	Introduction to Feminist Theory. (3) F, S	L1								C		
	380	Gender, Race and Class. (3) SS						SB			C		
	457	Women in Developing Countries. (3) F (Cross-listed as NUR 457/SPF 457.)						SB				G	
	460	Women and the Body. (3) F						SB			C		
	464	Voices and Visions. (3) F, S					HU				C		
	470	Women and Popular Culture. (3) S					HU				C		
	477	Women and Violence. (3) F									C		
	498	Pro-Seminar: Theoretical Issues in Women's Studies. (3) A	L2										
ZOL	120	Human Physiology. (4) F, S								S2			
	201	Human Anatomy and Physiology I. (4) F, S, SS								S2			
	316	History of Biology: Conflicts and Controversies. (3) N (Cross-listed as HPS 330.)											H
	318	History of Medicine. (3) N (Cross-listed as HPS 331.)											H
	410	Techniques in Wildlife Conservation Biology. (3) F	L2										
	441	Principles of Human Genetics. (3) N	L2										
	470	Systematic Zoology. (3) S '97	L2										
	473	Ichthyology. (3) S '97	L2										
	481	Research Techniques in Animal Behavior. (3) S '98	L2										

