General Studies

A baccalaureate education should not only prepare students for a particular profession or advanced study, but for constructive and satisfying personal, social, and civic lives as well. In addition to depth of knowledge in a particular academic or professional discipline, students should also be broadly educated and develop the general intellectual skills they need to continue learning throughout their lives. Thus, the General Studies requirement complements the undergraduate major by helping students gain mastery of critical learning skills, investigate the traditional branches of knowledge, and develop the broad perspective that frees one to appreciate diversity and change across time, culture, and national boundaries.

Critical learning skills include proficiency in the use of language, mathematics, and quantitative methods as tools for acquiring, renewing, creating, and communicating knowledge. A broad education includes an understanding of the methods and concerns of traditional branches of knowledge—the arts and humanities, the social sciences, and the natural sciences. Developing perspective requires historical, global, and cross-cultural examination of knowledge of all kinds.

To help students achieve these educational goals, the General Studies Program includes five *core areas* and three *awareness areas*. The five *core areas* help students acquire critical lifelong learning skills and guide their exploration of the traditional branches of knowledge:

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

The three *awareness areas* promote appreciation of cultural diversity within the contemporary United States, develop an international perspective, and foster an understanding of current human events through study of the past:

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

The courses approved by the ASU Main General Studies Council (for ASU Main and ASU East) for meeting the General Studies requirement are noted in the "General Studies Courses" table, page 88; 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.

Meeting the 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. Many General Studies courses are approved as satisfying more than one requirement. The following conditions govern the application of courses toward the General Studies requirement.

- 1. A single course may be used to satisfy one core area and a maximum of two awareness area requirements.
- 2. A single course may be used to satisfy a maximum of two awareness area requirements.
- 3. A single course cannot be used to satisfy two core area requirements, even if it is approved for more than one core area.

There is no limit to the number of advanced placement (AP) or College-Level Examination Program (CLEP) credits that can be used to meet the General Studies requirement; see "Special Programs for Advanced Placement and Credit," page 66. However, the natural sciences (SQ and SG) and literacy and critical inquiry (L) portions of the General Studies requirement are not satisfied by CLEP.

FIVE CORE AREAS

Literacy and Critical Inquiry (L)

Literacy is competence in written and oral discourse; critical inquiry is the gathering, interpretation, and evaluation of evidence. The literacy and critical inquiry requirement helps students sustain and extend their ability to reason critically and communicate clearly through language.

L Requirement (Six Semester Hours). Students must complete six semester hours from courses designated as L, at least three semester hours of which must be chosen from approved upper-division courses, preferably in their major. Students must have completed ENG 101, 105, or 107 to take an L course.

Mathematical Studies (MA and CS)

This core area has two categories: (1) Mathematics (MA) is the acquisition of essential skill in basic mathematics and requires the student to complete a course in college mathematics or college algebra or to demonstrate a higher level of skill by completing a course for which college algebra is a prerequisite; and (2) computer/statistics/quantitative applications (CS) applies mathematical reasoning and requires students to complete a course in either the use of statistics/ quantitative analyses or the use of the computer to assist in serious math analytical work.

GENERAL STUDIES

MA and CS Requirement (Six Semester Hours). This requirement has two parts: (1) at least three semester hours must be selected from courses designated MA, and at least three semester hours must be selected from courses designated CS; and (2) all students are expected to fulfill the MA requirement by the time they accumulate 30 hours of credit in residence at ASU. Any student who has more than 30 hours of resident ASU credit and has not fulfilled the mathematics (MA) requirement must enroll in an MA course or an appropriate prerequisite and continue to do so every semester until the mathematics requirement is met. College officers may grant waivers to the immediate and continual enrollment requirement only when there are scheduling conflicts detrimental to the student's academic progress.

Humanities and Fine Arts (HU)

The humanities and fine arts explore, through critical and creative activities, questions of human experience and expression as these articulate the human condition and reflect basic human values. Although differing in method, both probe the universality of human experience and promote a broader and deeper understanding of an individual's relationship to self, culture, and nature.

HU Requirement. The requirements for humanities and fine arts (HU) are combined with the requirements for social and behavioral sciences (SB). See "Combined HU and SB Requirement," on this page.

Social and Behavioral Sciences (SB)

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 HU and SB Requirement (15 Semester

Hours). A total of 15 semester hours must be completed in the following two core areas: (1) humanities and fine arts (HU) and (2) social and behavioral sciences (SB). Two conditions must be satisfied: (1) six semester hours must be taken in one of these two core areas and nine hours in the other core area; and (2) three of the 15 semester hours must be at the upper-division level.

Natural Sciences (SQ and SG)

The natural sciences help students appreciate the scope and limitations of science and its contributions to society. Natural science areas of study include anthropology, astronomy, biology, biochemistry, chemistry, experimental psychology, geology, microbiology, physical geography, physics, and plant biology. Knowledge of methods of scientific inquiry and mastery of basic scientific principles and concepts are stressed, specifically those that relate to matter and energy in living and nonliving systems. Firsthand exposure to scientific phenomena in the laboratory is important in developing and understanding the concepts, principles, and vocabulary of science.

General Studies courses that satisfy the natural science requirement are given one of two classifications: quantitative and general.



Graduates acknowledge each other's accomplishments and celebrate after receiving their diplomas.

Tim Trumble photo

Natural Science-Quantitative (SQ). These laboratory courses include a substantial introduction to the fundamental behavior of matter and energy in physical and biological systems.

Natural Science-General (SG). These laboratory courses cover aspects of scientific inquiry that lend themselves to more qualitative or descriptive discussions of science.

SQ and SG Requirement (Eight Semester Hours). Eight semester hours of courses designated SQ or SG must be selected. Of these, at least four semester hours must be taken from the SQ category.

THREE AWARENESS AREAS

Students must complete courses that satisfy each of the three awareness areas. Courses that are listed for a core area and one or more awareness area may satisfy each of these requirements concurrently.

Cultural Diversity in the United States (C)

The objective of the cultural diversity requirement is to promote awareness and appreciation of cultural diversity within the contemporary United States. The objective is accomplished 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. Awareness of cultural diversity and its multiple sources can illuminate the collective past, present, and future and also help students to achieve greater mutual understanding and respect.

Global Awareness (G)

The objective of the global awareness requirement is to help students recognize the need for an understanding of the values, elements, and social processes of cultures other than that 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.

Historical Awareness (H)

The objective of the historical awareness requirement is to help students develop knowledge of the past that can be useful in shaping the present and future. History is present in the languages, art, music, literature, philosophy, religion, and the natural sciences, as well as in the social science traditionally called history.

Transfer Credit

The Arizona General Education Curriculum (AGEC), offered by Arizona community colleges, is composed of 35 semester hours of lower-division general education course work. Students who complete the AGEC have fulfilled the ASU First-Year Composition requirement and all lowerdivision portions of the General Studies requirement. Students must still take six upper-division semester hours (three for L and three for SB or HU) to complete the ASU General Studies requirement. If students transfer from Arizona community colleges without completing AGEC or from other accredited postsecondary institutions, they receive credit for General Studies based on course-bycourse equivalency. See "Arizona General Education Curriculum (AGEC)," page 63.

College or School, and Major Requirements

In addition to General Studies requirements, students must also complete college or school, and major requirements. Students are encouraged to work with their academic advisors to develop a program of study that efficiently meets all graduation requirements. A well-planned program should enable a student to concurrently satisfy requirements at the university, college, or school levels, and within their major.

GENERAL STUDIES COURSES

The ASU Main and ASU East courses in the "General Studies Courses" table, page 88, satisfy the requirements of the five core areas and three awareness areas. General Studies courses are regularly reviewed. Since courses are occasionally added to and deleted from the list, students should always consult the *Schedule of Classes* each semester to see which courses currently meet the General Studies requirement.

A student receives the General Studies credit a course carries in the semester in which the course is taken.

The "Key to General Studies Credit Abbreviations" table, on this page, defines the abbreviations used. General Studies courses are also identified following course descriptions.

The campus codes "M" (for ASU Main) and "W" (for ASU West) identify the campus that maintains academic control over the course (i.e., course content, registration restrictions, General Studies designations, and other curricular matters). The campus code is not used in the catalogs but appears in the *Schedule of Classes*, on transcripts, and other enrollment and registration records.

Key to General Studies Credit Abbreviations

Code	Description
L	Literacy and critical inquiry core courses
MA	Mathematics core courses
CS	Computer/statistics/quantitative applications core courses
HU	Humanities and fine arts core courses
SB	Social and behavioral sciences core courses
SQ	Natural science—quantitative core courses
SG	Natural science—general core courses
С	Cultural diversity in the United States courses
G	Global awareness courses
Н	Historical awareness courses
/	Or
	And

General Studies Courses

			L	MA	CS	HU	SB	SQ	SG	С	G	H
	493	Honors Thesis (See "Honors Courses," page 57. Only three semester hours may fulfill L requirement.)	L									
ABS	130	Introduction to Environmental Science						SQ				
	201								SG			
		Fundamentals of Urban Horticulture							SG			
		Applied Statistics			CS							
		Plant Pathology	L									
		Ecosystem Management and Planning	L									
ACC		Taxes and Business Decisions	L									
AES		Air Force Leadership Studies I	L									
		Air Force Leadership Studies II	L									
		National Security Affairs	L									
AFH		Art of Africa, Oceania, and the Americas (Cross-listed as ARS 202)	-			HU					G	Н
		African American Religion (Cross-listed as REL 225)				HU				С	-	
	322	· · · · · · · · · · · · · · · · · · ·				HU				С		
	323					HU				С		
		American Ethnic Literature (Cross-listed as ENG 333)	L			HU				C		
	347	Jazz in America (Cross-listed as MUS 347)				HU				-		
		African American Literature: Beginnings Through the Harlem Renaissance (Cross-listed as ENG 353)	L			HU				С		
	354	African American Literature: Harlem Renaissance to the Present (Cross-listed as ENG 354)	L			HU				С		
AFR	210	Introduction to African American Studies								С		
		Elements of Intercultural Communication (Cross-listed as COM 263)					SB			С	G	
		Genes, Race, and Society					SB			C		Н
		Wealth Distribution and Poverty (Cross-listed as JUS 321)					SB			C		
		Language, Culture, and Communication (Cross-listed as COM 371)					SB			C	G	
		Race, Gender, and Sport					SB			C	-	
		Race, Gender, and Media (Cross-listed as MCO 460)					~ _			C		
		Intercultural Communication Theory and Research (Cross-listed as COM 463)					SB			-	G	
		Honors Thesis	L				0.0				Ū	
AFS		Ethnic Relations in the United States (Cross-listed as ASB 202)								С		Н
		Introduction to Ethnic Studies in the U.S. (Cross-listed as APA 210/CCS 210)								C		
		African American History to 1865 (Cross-listed as HST 333)					SB			C		Н
	364	• • •					SB			C		Н
		African Archaeology: Precolonial Urban Culture (Cross-listed as ASB 366)					SB			-	G	Н
		Family, Ethnic, and Cultural Diversity (Cross-listed as FAS 370)					SB			С	Ū	
	466						SB				G	Н
AGB		Computer Applications for Agribusiness Industries			CS		~				-	
		International Agribusiness									G	
	351	Management Science			CS							
		Agribusiness Statistics			CS							
		Agribusiness Analysis	L		00							
		International Agricultural Development	-								G	
		Resource Management					SB				Ū	
AIS	180	Introduction to American Indian Studies					52			С		
110		Indigenous Law and Society								C		
AMT										C	G	
ANP	236	-			CS						Ű	
APA	200	1 0			00	HU	SB			С		
	210					110	55			C		
		Asian Pacific American Arts and Cultures				HU				C		
		Asian Pacific American Literature				HU				C		
		Asian Pacific American Enerature Asian Pacific American Genders and Sexualities				110	SB			C		
		Asian Pacific American Genders and Sexuances				HU				C		
	360	Asian Pacific American Experience				HU	SB			C		
	450					110				C		
	430	Asian Pacific American Contemporary Issues					SB			C		Ĺ

GENERAL STUDIES

			L	MA	CS	HU	SB	SQ	SG	С	G	H
APH	100	Introduction to Environmental Design (Cross-listed as DSC 100/PUP 100)				HU					G	Н
	200	Introduction to Architecture				HU					G	
	300	World Architecture I/Western Cultures				HU					G	Η
	304	American Architecture				HU						
	305	Contemporary Architecture				HU						
	313	History of Architecture I	L			HU					G	
	314	History of Architecture II	L			HU					G	
	411	History of Landscape Architecture (Cross-listed as PLA 310)										Η
	414	History of the City (Cross-listed as PUP 412)										Η
	441	Ancient Architecture				HU						
	444	Baroque Architecture				HU						
	446	20th-Century Architecture I				HU						
	447	20th-Century Architecture II				HU						
APM	301	Introductory Statistics			CS							
ARA	311	Art Appreciation and Human Development				HU						
	488	Understanding Art	L			HU						
ARB	201	Intermediate Arabic									G	
	202	Intermediate Arabic									G	
ARS	100	Introduction to Art				HU						
	101	Art from Prehistory Through Middle Ages				HU						Η
	102	Art from Renaissance to Present				HU						Н
	201	Art of Asia				HU					G	Н
	202	Art of Africa, Oceania, and the Americas (Cross-listed as AFH 202)				HU					G	Η
	250	History of Photography				HU						
	300	Introduction to Art				HU						
	302	Art of Africa, Oceania, and the Americas				HU					G	Η
	340	Art in America				HU						Н
	400	History of Printmaking				HU						Η
	402	Art of Ancient Egypt				HU						Η
	404	Greek Art				HU						Н
	406	Roman Art				HU						Η
	410	Early Christian and Byzantine Art				HU						
	412	Early Medieval Art				HU						Η
	414	Romanesque Art				HU						Η
	416	Gothic Art				HU						
	418	Renaissance Art in Northern Europe				HU						
	420	Early Renaissance Art in Italy				HU						Η
	422	Italian High Renaissance Art and Mannerism				HU						
	424	Italian Baroque Art				HU						Η
	426	Art of the 17th Century in Northern Europe				HU						Η
	428	Art of the 18th Century				HU						Η
	430	Art of Spain and Its Colonies				HU						Η
	432	19th-Century French Art and Culture				HU						Η
	434	Art and Visual Culture of 19th Century				HU						
	436	The Artist, War, and Revolution (Versailles to Vietnam)				HU						
	438	Art of the 20th Century I				HU						Η
	439	Art of the 20th Century II				HU						Η
	442	Critical Issues in American Painting I				HU						
	443	Critical Issues in American Painting II				HU						
		Modern American Art, 1900–1945				HU						Η
	458	Critical Theories in the Visual Arts				HU						
	462	Pre-Columbian Art				HU						Η
	465	Native North American Art				HU						Н
	466	Native American Art of the Southwest				HU				С		Η
	468	Art of the Arctic and Northwest Coast				HU						
		Mexican Art				HU						Н
		Art of China				HU						

			L	MA	CS	HU	SB	SQ	SG	С	G	н
	473	Art of Japan				HU						
		Chinese Painting				HU						
	480	Research Methods	L									
		Women in the Visual Arts	L									
ART		3D Computer Imaging and Animation			CS							
1 11 1		Computer Animation Portfolio			CS							
ASB		Introduction to Cultural and Social Anthropology			CS		SB				G	
100		Ethnic Relations in the United States (Cross-listed as AFS 202)					55			С	0	н
	202	Women in Other Cultures				HU	SB			C	G	11
		Buried Cities and Lost Tribes: Our Human Heritage				HU	SB				G	Н
		Buried Civilizations of the Americas				HU	SB				G	H
	223					110	30		SG		U	11
		Introduction to Southeast Asia							30		G	
	240	(Cross-listed as GCU 240/HST 240/POS 240/REL 240)									U	
	242	Asian American Experiences: An Anthropological Perspective	L							С		
		Anthropology Topics	L							C		
		Ethnographic Field Study in Mexico					SB				G	
							SB		_		U	
		Principles of Social Anthropology	T							C		TT
		Indians of the Southwest	L				SB		_	С	C	Н
		Peoples of Mesoamerica					SB				G	
		Indians of Latin America					SB		_		G	
		Peoples of the Pacific									G	
		Peoples of Southeast Asia					~~~			_	G	
		Human Impacts on Ancient Environments					SB					Η
		Principles of Archaeology					SB					
		New World Prehistory	L				SB					
		Prehistory of the Southwest					SB			С		Н
		Pre-Hispanic Civilization of Middle America				HU	SB				G	Η
		Archaeology of North America					SB					Н
		Psychological Anthropology					SB					
	353	Death and Dying in Cross-Cultural Perspective				HU	SB				G	
	355	Shamanism, Healing, and Consciousness				HU	SB					
	361	Old World Prehistory I										Н
		Old World Prehistory II										Η
	366	African Archaeology: Precolonial Urban Culture (Cross-listed as AFS 366)					SB				G	Н
	400	Cultural Factors in International Business									G	
	412	History of Anthropology	L				SB					
	416	Economic Anthropology	L				SB					
	462	Medical Anthropology: Culture and Health								С		
	466	Peoples and Cultures of Africa (Cross-listed as AFS 466)					SB				G	Н
	471	Introduction to Museums	L									
	480	Introduction to Linguistics					SB					
	481	Language and Culture					SB					
	483						SB					
ASM	104						SB		SG			
	301	Peopling of the World					SB					
		Human Biological Variation							SG			
		Fossil Hominids										Н
		Social Issues in Human Genetics					SB					
		Dental Anthropology					~ =		SG			
		Primate Behavior Laboratory	L						20			
AST		Introduction to Solar Systems Astronomy (if credit also earned in AST 113)						SQ				
. 10 1		Introduction to Stars, Galaxies, and Cosmology (if credit also earned in AST 115)						SQ				
	112	Astronomy Laboratory I (if credit also earned in AST 114)						SQ				
		Astronomy Laboratory II (if credit also earned in AST 111 of 321) Astronomy Laboratory II (if credit also earned in AST 112 or 322)						SQ				
	321	Introduction to Planetary and Stellar Astrophysics (if credit also earned in						SQ				
	541	AST 113)						26				

General	Studies	Courses	(continued)
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			L	MA	CS	HU	SB	SQ	SG	С	G	Н
	322	Introduction to Galactic and Extragalactic Astrophysics (if credit also earned in AST 114)						SQ				
BCH	467	Analytical Biochemistry Laboratory	L									
BIO		The Living World						SQ				
bio		Human Physiology						30	SG			
		General Biology I							SG			
		General Biology II						SQ	50			
		The Nature of Biological Science						SQ				
		Human Anatomy and Physiology I						52	SG			
		Human Genetics							SG			
		Cancer and Heart Disease	L						50			
	303	Radiation and Life	L									
		Radiation Medicine and Biology	L									
		Research Colloquium in Biology and Society I (if credit also earned in BIO 414)	L									
		History of Biology: Conflicts and Controversies (Cross-listed as HPS 330)										Н
		History of Medicine (Cross-listed as HPS 331)										H
		Environmental Science (Nonmajor) (Cross-listed as PLB 320)									G	
		Introductory Ecology Laboratory	L								U	
		Genetic Engineering and Society	L									
		Computer Applications in Biology (Cross-listed as PLB 432)			CS							
		Techniques in Wildlife Conservation Biology	L		00							
	414	Research Colloquium in Biology and Society II (if credit also earned in BIO 314)	L									
		Biometry			CS							
		Professional Values in Science (Cross-listed as HPS 410)	L		05							
		Limnology	L									
		Biogeography	L									
		Research Techniques in Animal Behavior	L									
		Principles of Human Genetics	L									
		Systematic Zoology	L									
		Honors Thesis	L									
BIS	301	Foundations of Interdisciplinary Studies	L									
		Senior Seminar	L									
BME	201	Introduction to Bioengineering	L									
		Global Awareness Within Biomedical Engineering Design	L			HU						
		Biomedical Instrumentation (if credit also earned in BME 423)	L									
	423	Biomedical Instrumentation Laboratory (if credit also earned in BME 413)	L									
BUS	301	Fundamentals of Management Communication	L									
	451	Business Research Methods	L									
CCS	101	Introduction to Chicana and Chicano Studies								С		
	111	Introduction to Chicana and Chicano Culture								С		
	210	Introduction to Ethnic Studies in the U.S. (Cross-listed as AFS 210/APA 210)								С		
	300	Chicana and Chicano Culture and Society								С		
CDE	232	Human Development					SB					
	430	Infant/Toddler Development in the Family					SB					
	437	Observational and Naturalistic Methods of Studying Children	L				SB					
CED	111	Exploration of Education					SB					
	250	Career Development	L									
CEE	486	Integrated Civil Engineering Design	L									
CET		Digital Systems I			CS							
CHE	461	Process Control			CS							
	462	Process Design	L									
CHI	201										G	
		Second-Year Chinese II									G	
	313	Third-Year Chinese I									G	
	314	Third-Year Chinese II									G	
		Chinese Literature	L			HU						
		Chinese Literature	L			HU					G	

			L	MA	CS	HU	SB	SQ	SG	С	G	Н
	413	Introduction to Classical Chinese				HU						
	414	Introduction to Classical Chinese				HU						
CHM	101	Introductory Chemistry						SQ				
		Chemistry and Society						SQ				
		General Chemistry						SQ				
		General Chemistry for Engineers						SQ				
		General Chemistry with Qualitative Analysis						SQ				
		General Chemistry						SQ				
		General Chemistry for Majors I						SQ				
		General Chemistry for Majors II						SQ				
		Elementary Organic Chemistry (if credit also earned in CHM 235)						SQ				
		Elementary Organic Chemistry Laboratory (if credit also earned in CHM 231)						SQ				
		Introduction to Physical Chemistry			CS			~ <				
	348	Physical Chemistry Laboratory I (if credit also earned in CHM 349 and 452)	L									
		Physical Chemistry Laboratory II (if credit also earned in CHM 348 and 452)	L									
		Inorganic Chemistry Laboratory (if credit also earned in CHM 348 and 349)	L									
CIS	200	Computer Applications and Information Technology			CS							
010		Systems Design and Electronic Commerce	L		CD							
CLS		Principles of Clinical Laboratory Administration (if credit also earned in CLS 460)										
CLS	460	Principles of Clinical Laboratory Administration (if credit also carried in CLS 400) Principles of Clinical Laboratory Education (if credit also earned in CLS 450)	L									
СОМ		Introduction to Human Communication	L				SB					
COM		Elements of Interpersonal Communication					SB					
		1	т				30				1	
		Argumentation	L						_			
		Public Speaking	L				CD					
		Small Group Communication	T				SB					
		Introduction to Oral Interpretation	L			HU	an					
		Introduction to Organizational Communication					SB			a	9	
	263	Elements of Intercultural Communication (Cross-listed as AFR 263)	-				SB			С	G	
	308	Advanced Research Methods in Communication	L									
		Gender and Communication					SB			С		
		Persuasion and Social Influence					SB					
	320	Communication and Consumerism					SB					
	321	Rhetorical Theory and Research	L			HU						Н
	323	Communication Approaches to Popular Culture								С		
	325	Advanced Public Speaking	L									
	344	Performance of Oral Traditions				HU				С		
	357	Communication Technology and Information Diffusion					SB					1
	371	Language, Culture, and Communication (Cross-listed as AFR 371)					SB			С	G	
	400	CIP: Communication in Professions				HU				С		
	410	Interpersonal Communication Theory and Research					SB					
	411	Communication in the Family					SB					
	421	Rhetoric of Social Issues				HU						
	426	Political Communication					SB					
	441	Performance Studies				HU						
	445	Narrative Performance				HU						
	446	Performance of Literature Written by Women				HU				С		
	450	Theory and Research in Organizational Communication					SB					
	463	Intercultural Communication Theory and Research (Cross-listed as AFR 463)					SB				G	
CON	101	Construction and Culture: A Built Environment				HU					G	Н
		Construction Cost Accounting and Control			CS	-						
	472	Development Feasibility Reports	L									
		Construction Planning and Scheduling			CS							
		Construction Contract Administration	L		20							
CSE	100	Principles of Programming with C++			CS							
-9L		Principles of Programming with Java			CS							
	180	Computer Literacy			CS							
	181	Applied Problem Solving with Visual BASIC			CS							

			L	MA CS	6 HU	SB	SQ	SG	C	G	H
	200	Concepts of Computer Science		CS	;						
	210	Object-Oriented Design and Data Structures		CS	:						
		Microcomputer System Hardware	L								
	438	Systems Programming	L								
CSH		Chicana and Chicano Folklore			HU				C		
		Mexican and Mexican American Artistic Production			HU				C	G	
		Contemporary Chicana and Chicano Art			HU				C	-	
		Chicana and Chicano Literature (Cross-listed as ENG 363)	L		HU				C		
		Chicana Writers	L		HU				C		
CSS		Chicana and Chicano Politics and Policy	-						C		
		Policy Issues in the Chicana and Chicano Urban Settings							C		
		Issues in Immigration and Migration							C		Н
		Issues in Chicana and Chicano Gender							C		
DAH		Dance in World Cultures			HU					G	
		Focus on Dance			HU					-	
		Philosophy and Criticism of Dance	L		HU						
		Cross-Cultural Dance Studies	L		HU					G	
		Dance History	-		HU						
DAN		Dance, Computers, and Multimedia		CS							
DSC		Introduction to Environmental Design (Cross-listed as APH 100/PUP 100)			HU					G	Н
200		Design Awareness			HU					G	
		Introduction to Computer Modeling		CS							
ECE		Introduction to Engineering Design		CS							
LCL		Elements of Engineering Design		CS							
		Intermediate Engineering Design	L		'						
		Probability and Statistics for Engineering Problem Solving	Ľ	CS	:						
		Engineering Communications	L		'						
ECN		Macroeconomic Principles	Ľ			SB					
Leit		Microeconomic Principles				SB					
		Survey of International Economics (Cross-listed as IBS 306)				SB				G	
		Intermediate Macroeconomic Theory				SB				0	
		Intermediate Microeconomic Theory				SB					
		Alternative Economic Systems				SB				G	
		Economic Development				SB				G	
		Economics of Russia and Eastern Europe				SB				G	
		Economics of Social Behavior				SB					
		History of Economic Thought				SB					
		Earnings and Employment				SB					
		Introduction to Econometrics		CS		0.0					
		International Trade Theory				SB				G	
	438	International Monetary Economics				SB				G	
		Public Finance				SB					
		Law and Economics	L			~ =					
		Capstone in Economics	L								1
		Honors Thesis	L								
EDC	340	Schooling and Social Context	L								1
EDP	303	Human Development	L								
		Educational Psychology				SB					
	454			CS							
EDT		Computer Literacy		CS							
		Computer Applications		CS	_						
EED	498	PS: Language and Learning	L								
EEE	488	Senior Design Laboratory I (if credit also earned in EEE 489)	L								
_	489	Senior Design Laboratory II (if credit also earned in EEE 488)	L								
ENG		Critical Reading and Writing About Literature	L		HU						
	200	World Literature			HU						Н
	202	World Literature			HU		1				H

		L	MA CS	HU	SB	SQ	SG	С	G	H
204	Introduction to Contemporary Literature			HU						
	English Prose Style	L								
	Strategies of Academic Writing	L								
	Persuasive Writing on Public Issues	L								
	Writing Reflective Essays	L								
	Writing About Literature	L								
	Survey of English Literature			HU						Н
	Survey of English Literature			HU						Н
	Literatures of the United States to 1860			HU						
242	Literatures of the United States, 1860–Present			HU						
245	Popular Culture Issues	L								
	Writing for the Professions	L								
	Classical Backgrounds of English Literature			HU						
	English in Its Social Setting	L		HU	SB					
	Phonology and Morphology	L								
	Introduction to Shakespeare	L		HU						
	English Drama 1660–1800			HU						
	The Novel to Jane Austen			HU						Н
	19th-Century British Fiction			HU						
	American Drama	L		HU						
	Major American Novels	L								
	American Ethnic Literature (Cross-listed as AFH 333)	L		HU				С		
	20th-Century British and Irish Literature			HU				C		
	Short Story			HU						
	African American Literature: Beginnings Through the Harlem Renaissance	L		HU				С		
	(Cross-listed as AFH 353)									
	African American Literature: Harlem Renaissance to the Present (Cross-listed as AFH 354)	L		HU				С		
	European Dramatic Traditions	L		HU						
	The Bible as Literature			HU						
357	Introduction to Folklore			HU						
	American Indian Literatures	L		HU				C		
	Western American Literature	L		HU						
361	Silent Film			HU						
362	Sound Film Genres			HU						
363	Chicana and Chicano Literature (Cross-listed as CSH 363)	L		HU				C		
364	Women and Literature			HU						
372	Document Production	L								
385	Career Development for English Majors	L								
400	History of Literary Criticism	L		HU						Η
413	History of the English Language			HU						
415	Topics in Medieval Literature and Culture			HU						
416	Chaucer in Middle English			HU						
418	Renaissance Literature	L		HU						
419	English Literature in the Early 17th Century	L		HU						
421	Shakespeare			HU						
422	Studies in Shakespeare			HU						
423	Renaissance Drama	L		HU						
424	Milton			HU						
425	Studies in Romanticism			HU						
427	Studies in 18th-Century Literature and Culture			HU						
430	Studies in Victorian Literature and Culture	L		HU						
	Studies in the Literature and Culture of the Americas			HU				С		
	Studies in American Literature and Culture			HU						
	Studies in American Romanticism			HU						
445		L		HU						
		12								

General S	Studies	Courses	(continued)
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			L	MA	CS	HU	SB	SQ	SG	С	G	H
	448	Studies in Irish Literature and Culture				HU						
	452	Studies in the Novel				HU						
	453	Studies in the American Novel				HU						
	457	Studies in American Poetry				HU						
	461	Studies in Women and Literature				HU						
	464	Studies in Drama				HU						
	470	Symbols and Archetypes in Children's Literature	L			HU						
		Literature for Adolescents				HU						
		Rhetorical Studies	L			-						
		Methods of Teaching English: Composition	L									
		Methods of Teaching English: Language	L									
		Honors Thesis	L									
ETC		Languages of Technology			CS							
		International Environmental Management			00						G	
		Introduction to Health and Wellness (Cross-listed as HES 100/KIN 100)					SB				Ŭ	
	280	Global Issues in Exercise and Wellness					55				G	
		Foundations of Exercise and Wellness	L				SB				U	
		Computer Skills and Technology for Exercise and Wellness			CS		30					
		Physical Activity in Health and Disease	L		CD							
		Cultural and Social Issues in Exercise and Wellness					SB			С		
FAS		Personal Growth in Human Relationships					SB			C		
AS		Marriage and Family Relationships					SB					
		Human Sexuality	T				SB					
		Introduction to Family/Child Research Methods	L				CD			C		
		Family, Ethnic, and Cultural Diversity (Cross-listed as AFS 370)					SB			С		
		Parent-Adolescent Relationships	T				SB					
TINI		Advanced Marriage and Family Relationships	L				SB				C	
FIN		International Financial Management									G	
		Financial Cases and Modeling	L								0	
FLA		Introduction to East Asian Culture				HU					G	
		Survey of Literature of the Soviet Era in Translation	L			HU	an				G	
		Linguistics					SB				~	
		Foreign Literature in Translation				HU					G	
	421	Japanese Literature in Translation	L			HU					G	
FRE		Intermediate French I									G	
		Intermediate French II									G	
		Readings in French Literature									G	
		French for International Professions II									G	
		French Conversation									G	
		French Composition									G	
	319	Business French									G	
	321	French Literature	L			HU						Η
	322	French Literature	L			HU						
	411	Advanced Spoken French									G	
	412	Advanced Written French									G	
	415	French Civilization I				HU						
		French Civilization II				HU					G	
	441	French Literature of the 17th Century				HU						
		French Literature of the 17th Century				HU						Н
	445	French Literature of the 18th Century	L			HU						
		French Novel of the 19th Century				HU						
	453	Theater of the 19th Century	L			HU						
	461	Modern Narrative				HU						
		Modern Poetry				HU						
		The Literature of Francophone Africa and the Caribbean	L			HU						
GCU		Introduction to Human Geography					SB					
		World Geography					SB				G	

General Studies Courses (cont	tinued)
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		General Studies Courses (continued)				1		1				
			L	MA	CS	HU	SB	SQ	SG	С	G	Н
	141	Introduction to Economic Geography					SB				G	
	240	Introduction to Southeast Asia									G	
		(Cross-listed as ASB 240/HST 240/POS 240/REL 240)										
		Introduction to Cultural and Historical Geography					SB				G	
		Geography of U.S. and Canada					SB			С		
		Geography of Latin America					SB				G	
		Geography of Europe					SB				G	
		Geography of Asia					SB				G	
	327						SB				G	
	328	617					SB		_		G	
		Geography of Australia and Oceania					SB SB			C	G	
		Geography of Hispanic Americans								С	C	
		The Geography of World Crises					SB SB				G G	
		Population Geography Political Cooperative					SB				G	
		Political Geography Social Geography					SB SB				U	
		Cities of the World I					SB				G	Н
		Cities of the World I					SB				G	п
		Urban Geography					SB				U	
		Energy in the Global Arena					SB				G	
		Geography of Arizona and Southwestern United States					SB			С	U	
	423	• • •					SB			C	G	
		Geography of Mexico and Middle America					SB				G	
	425	• • •	L				SB				G	
	426	•					SB				G	1
		Geography of China					SB				G	
		Economic Geography					SB				Ŭ	1
	442						SB					
		Geographic Studies in Urban Transportation					SB					Í
		Historical Geography of U.S. and Canada					SB					Н
		Public Land Policy					SB					
		Quantitative Methods in Geography			CS		~-					í T
		Geographic Research Methods	L									I
GER		•		-							G	
		Intermediate German									G	I
	311	German Conversation		-							G	
	312	German Conversation									G	1
	313	German Composition									G	1
		Business Correspondence and Communication									G	1
	411	Advanced Grammar and Conversation									G	1
	412	Advanced Grammar and Composition									G	
	415	German Civilization				HU						Η
	416	German Civilization				HU						Η
	421	German Literature				HU						
	422	German Literature	L			HU						1
	453	German Literary Masterpieces on Film				HU					G	Η
GIT	212	Computer-Aided Design and Drafting (CADD)			CS							
	312				CS							
GLG	101	Introduction to Geology I (Physical) (for SQ credit, if credit also earned in GLG 103)						SQ			G	
	102	Introduction to Geology II (Historical) (for SG credit, if credit also earned in GLG 104)							SG			Н
	103	Introduction to Geology I—Laboratory (if credit also earned in GLG 101)						SQ				
	104	Introduction to Geology II—Laboratory (if credit also earned in GLG 102)						_	SG			
		Introduction to Planetary Science							SG			
	110								SG		G	
	111	Geologic Disasters Laboratory (if credit also earned in GLG 110)							SG			
	410	Computers in Geology			CS							

			L	MA	CS	HU	SB	SQ	SG	С	G	H
	451	Field Geology I	L									
	452	Field Geology II	L									
GPH	111	Introduction to Physical Geography						SQ				
	210	Society and Environment									G	
	211	Landform Processes	L									
	212	Introduction to Meteorology (if credit also earned in GPH 214)							SG			
	214	Introduction to Meteorology Laboratory (if credit also earned in GPH 212)							SG			
	314	Global Change				HU					G	
	370	Geographic Information Technologies			CS							
	371	Introduction to Cartography and Georepresentation			CS							
	373	Geographic Information Science I			CS							
	381	Geography of Natural Resources									G	
		Climate Change									G	
		Landforms of the Western United States	L									
		Alpine and Arctic Environments									G	
		Geographics: Interactive and Animated Cartography and Geovisualization			CS							
		Geographic Information Science II			CS							
GRA		History of Graphic Design				HU						
		Design Rhetoric	L									
GRK		Ancient Greek Literature I				HU						
		Ancient Greek Literature II				HU						
		Multidisciplinary Approaches to Gerontology					SB					
HCR		Clinical Health Care Ethics				HU						
		Health Care Organizations (Cross-listed as HSA 220)										Η
HEB		Culture and Health								С	G	
		Intermediate Modern Hebrew									G	
		Intermediate Modern Hebrew									G	
		Contemporary Culture of Israel				HU					G	
HES		Introduction to Health and Wellness (Cross-listed as EXW 100/KIN 100)					SB					
HON		The Human Event	L			HU						H
		The Human Event	L			HU						H
		Freedom and Authority	L			HU						
		French Cultural Influences	L			HU					G	
		Heroes, Heroines, and Villains	L			HU						
		Black and White Atlantic				HU					G	
	375	Science and the Modern Self	L			HU						
		Law, Literature, and Life	L			HU						
		Nature in Context (Cross-listed as HPS 377)	L			HU						
		Honors Thesis	L									
HPS		History of Science				HU						H
		History of Science				HU					~	H
	325	Chinese Science and Medicine (Cross-listed as HST 385)				HU					G	H
		History of Biology: Conflicts and Controversies (Cross-listed as BIO 316)										H
	331	History of Medicine (Cross-listed as BIO 318)										H
	377	Nature in Context (Cross-listed as HON 377)	L			HU						
10.1	410	Professional Values in Science (Cross-listed as BIO 416)	L									
HSA		Health Care Organizations (Cross-listed as HCR 220)									a	H
HST	101	Global History Since 1500					an				G	H
		Western Civilization					SB					H
	103	Western Civilization					SB				C	H
		Western Civilization					SB				G	H
	105	Slavic Civilization					SB					ŀ
		Asian Civilizations					SB				G	H
		Asian Civilizations					SB				G	H
		Introduction to Japan					SB				G	H
	109	The United States to 1865					SB					Η
	110	The United States Since 1865					SB					H

		L	MA CS	HU	SB	SQ S	6G	С	G	H
200	Historical Themes				SB					Н
201	Historical Themes in Asia				SB					Н
202	Historical Themes in Europe				SB					Н
203	Historical Themes in Latin America				SB					Н
204	Historical Themes in the United States				SB					Н
210	American Social History	L			SB					Н
	American Jewish History				SB					Н
	American Military History				SB					Н
	Introduction to Southeast Asia (Cross-listed as ASB 240/GCU 240/POS 240/REL 240)								G	
300	Historical Inquiry	L			SB					Н
	Studies in History				SB					Н
	Studies in Asian History				SB					Н
	Studies in European History				SB					Н
	Studies in Latin American History				SB					Н
	Studies in United States History				SB					Н
	Exploration and Empire	L			50					H
	Film as History			HU						11
	American Cultural History to 1865			110	SB					Н
	American Cultural History Since 1865				SB					H
	Political History of the United States				SB					H
	•								C	
	20th-Century U.S. Foreign Relations				SB				G	H
	United States Labor History				SB					H
	U.S. Urban History to 1850				SB		_			H
	U.S. Urban History Since 1850				SB					H
	Constitutional History of the United States to 1865				SB		_	_		H
	Constitutional History of the United States Since 1865				SB					Η
	Immigration and Ethnicity in the United States				SB		_	C		Η
	Women in U.S. History, 1600–1880				SB			C		Η
	Women in U.S. History, 1880–1980				SB		_	C		Η
	Women in 20th-Century U.S. West							C		Η
	Mexican Women in the United States: Conquests and Migrations	L			SB			C		Н
331	Mexican American History to 1900				SB			C		Η
	Mexican American History Since 1900				SB			C		Η
333	African American History to 1865 (Cross-listed as AFS 363)				SB			C		Η
	African American History Since 1865 (Cross-listed as AFS 364)				SB			C		Η
	American Indian History to 1900				SB			C		Н
338	American Indian History Since 1900				SB			C		Н
341	The U.S. West in the 19th Century				SB					Η
342	The U.S. West in the 20th Century				SB					Н
343	The American Southwest	L			SB					Η
344	Arizona				SB					Н
347	Ancient Greece				SB					Η
348	Rome				SB					Н
349	The Early Middle Ages				SB					Н
350	The Later Middle Ages				SB					Н
	Renaissance Europe	L			SB					Н
	Europe's Reformations	L			SB					Н
	The Old Regime in Europe				SB					Н
	Revolutionary Europe				SB					Н
	Total War and the Crisis of Modernity				SB				G	Н
	Europe Since 1945				SB				G	Н
	Jewish History from the Bible to 1492				SB				_	Н
	Jewish History from 1492 to 1948				SB				G	H
	Witchcraft and Heresy in Europe (Cross-listed as REL 374)	L			50				5	H
	Sex and Society in Classical and Medieval Europe				SB					H
362					SB					H
505	Sex and Society in Early Would'in Europe				DC D					п

		L	MA	CS	HU	SB	SQ SG	C	G]
364	Sex and Society in Modern Europe	L				SB]
365	Women in Europe	L			HU	SB				
366	England to 1689					SB				
367	Modern Britain					SB				
368	Culture and Imagination in European History				HU					T
370	Eastern Europe in Transition					SB			G	1
372	The Modern Middle East					SB			G	
375	Colonial Latin America					SB				
376	Modern Latin America					SB				
377	Women in Colonial Latin America									1
378	Latin American Women: The National Period					SB			G	
380	Cultural History of Latin America					SB				1
383	China					SB				Ì
384	China					SB			G	1
385	Chinese Science and Medicine (Cross-listed as HPS 325)				HU				G	I
386	Interpreting China's Classics (Cross-listed as HUM 312)	L			HU					
387	Japan	L				SB				I
	Japan					SB			G	1
391	Modern Southeast Asia					SB			G	I
405	Colonial American History to 1763					SB				
406	The American Revolution, 1763–1789					SB				1
	The Early U.S. Republic, 1789–1850	L				SB				
408	Civil War and Reconstruction	L				SB				1
409	The Emergence of the Modern United States, 1877 to 1918					SB				1
	The Modern United States, 1918 to 1945					SB				1
411	The Postwar United States, 1945 to 1973					SB				1
412	The Contemporary United States, 1973 to the Present					SB				1
	The Modern U.S. Economy					SB				
	Unequal Sisters: Women and Political and Cultural Change	L				SB		C		1
	Indian History of the Southwest					SB		C		l
	Topics in Mexican American History					SB		C		1
	The Tudor Monarchy					SB				l
	The Stuart Transformation of England					SB				1
	The British Empire					SB				1
	The French Revolution and the Napoleonic Era					SB				
	Modern France					SB			G	1
	Modern Germany					SB			G	1
	Hitler: Man and Legend					SB			U	1
	Eastern Europe and the Balkans Before 1914					SB				1
	Eastern Europe and the Balkans in the 20th Century					SB			G	1
	The Russian Empire					SB			U	1
	The Soviet Experiment					SB			G	d
	Spain Through the Golden Age				HU	SB			0	1
	Modern Spain				HU	SB			G	1
441	-				110	SB			0	1
	Spanish South America					SB				1
	The United States and Latin America					SB			G	1
	20th-Century Cuba					SB			G	d
	Colonial Mexico					SB			U	1
	Modern Mexico					SB				
	Chinese Cultural History					SB SB				1
	Chinese Cultural History Chinese Cultural History					SB			G	
									-	1
453	The United States and Japan					SB			G	ļ
	1					SB			G	- 1
	The Vietnam War					SB			G	J
	History of Fire	L								Ð

			L	MA	CS	HU	SB	SQ	SG	C	G	H
	498	PS: History Pro-Seminar	L									
HUM	110	Contemporary Issues in Humanities				HU						
	200	Encountering the Humanities				HU						
	260	Introduction to Islam (Cross-listed as REL 260)				HU					G	
	301	Humanities in the Western World	L			HU						Η
	302	Humanities in the Western World	L			HU						Н
	310	Japanese Cities and Cultures to 1800 (Cross-listed as REL 355)	L			HU						Η
	312	Interpreting China's Classics (Cross-listed as HST 386)	L			HU						Н
	340	Contemporary American Film and Popular Culture				HU						
	401	The Culture and Legacy of the European Enlightenment				HU						Η
	420	Interpreting Latin America				HU					G	Η
	440	Los Angeles and Cultural Theory	L			HU				С		
	450	Technology and Culture	L			HU						
		Postmodern Culture and Interpretation	L									
	462	Psychoanalysis and Culture	L			HU	SB					
		Narrative in the Human Sciences	L			HU						
		Pro-Seminar in the Humanities: Theory and Culture	L			HU						
IBS	300	Principles of International Business									G	
		Survey of International Economics (Cross-listed as ECN 306)					SB				G	
	400	•								С	G	
	493	International Honors Thesis	L							-	-	
IDN		Intermediate Indonesian I									G	
		Intermediate Indonesian II									G	
IED		History of American Indian Education					SB			С		Н
		Issues in Language and Literacy of Indigenous Peoples				HU	SB			C		
		The Role of Governments in Native Education Policy and Administration				110	SB			C		
	460	· ·				HU	SB			С		Н
IEE		Information Systems Engineering			CS	110	55			C		11
ILL		Quality Control			CS							
		Computer-Aided Manufacturing and Control			CS							
		Simulating Stochastic Systems			CS							
		Operations Research Techniques/Applications			CS							
		Engineering Statistics			CS							
		Project in Design and Development	L		CS							
IND		20th-Century Design I				HU						Н
IND												
		20th-Century Design II Professional Practice for Industrial Design	L			HU						Н
INT		Interior Design Issues and Theories				HU						
INT		History of Interior Design I				HU						TT
												H
		History of Interior Design II				HU						Н
		History of Decorative Arts in Interiors	T			HU						
TT A		Specifications and Documents for Interiors	L								C	
ITA		Intermediate Italian									G	
		Intermediate Italian	_								G	
	311	Italian Composition and Conversation									G	
		Italian Composition and Conversation	_								G	
		Advanced Italian									G	
		Introduction to Italian Literature				HU					0	
		Italian Civilization	L			HU					G	
		Italian American Culture	L									
		Italian Literature of the Middle Ages				HU						
		Dante: Divina Commedia	L			HU						
		Italian Literature of the Renaissance				HU						Η
		Italian Literature of the 18th and 19th Centuries				HU						
	449					HU					G	
ITM	440	Introduction to International Business									G	
JMC	201	Journalism Newswriting	L									

			L	MA	CS	HU	SB	SQ S	5G	С	G	H
	202	Radio-Television Writing	L									
	301	Reporting	L									
		Broadcast News Reporting	L									
JPN		Second-Year Japanese I									G	
		Second-Year Japanese II									G	
		Japanese Conversation and Composition									G	
	312	Japanese Conversation and Composition									G	
		Third-Year Japanese I									G	
	314	Third-Year Japanese II									G	
	321	Japanese Literature	L			HU					G	
JUS	100	The Justice System					SB					
		Topics in Concepts and Issues of Justice					SB					
		Basic Statistical Analysis in Justice Studies			CS							
		Community and Social Justice					SB			C		
		Wealth Distribution and Poverty (Cross-listed as AFR 321)					SB			C		
		Domestic Violence					SB					
	350	Immigration and Justice					SB			C		
		Law and Social Control					SB					
		Crime and the Mass Media					SB					
	385	Justice and Everyday Life					SB					
		Imperatives of Proof	L									
		Economic Justice					SB				G	
		Gender and International Development	L								G	
		Woman, Work, and Justice					SB			C		
		Race, Gender, and Crime	L				SB			C		
	430	Social Protest, Conflict, and Change	L				SB			C		
	440	Administration and Justice	L									
	444	Environment and Justice	L							C		
	450	Alternatives to Incarceration	L									
	463	Discretionary Justice					SB					
		Death Penalty in the United States	L									
		Political Deviance and the Law	L				SB			C		
	470	Alternative Dispute Resolution	L				SB			C		
		Legislation of Morality	L				SB			C		
	477	Youth and Justice	L				SB					
	479	Law and Disputing	L				SB					
KIN	100	Introduction to Health and Wellness (Cross-listed as EXW 100/HES 100)					SB					
	348	Psychological Skills for Optimal Performance					SB					
	352	Psychosocial Aspects of Physical Activity					SB			C		
		Teaching Physical Activity Concepts	L									
	414	Electromyographic Kinesiology	L									
	441	Physiology of Women in Sport	L									
		Exercise Endocrinology	L									
	448	Applied Sport Psychology	L									
	452	Exercise Psychology					SB					
	460	Theory of Strength Training	L									
KOR	201	Second-Year Korean I									G	
	202	Second-Year Korean II									G	
	250	Korean Culture and Society				HU					G	
	347	Korean Film and Literature				HU						
	350	Women of Korea										Н
LAT	201	Intermediate Latin I				HU						
	202					HU						
		Roman Literature				HU						
	422	Roman Literature				HU						
MAE	468	Aerospace Systems Design	L									
	490	Projects in Design and Development	L									

			L	MA	CS	HU	SB	SQ S	G	C	G	Н
MAT	114	College Mathematics		MA								
	117	College Algebra		MA								
	119	Finite Mathematics		MA								
		Precalculus		MA								
	210	Brief Calculus		MA								
	251			MA								
		Technical Calculus I		MA								
		Technical Calculus II		MA					_	_		
		Technical Calculus III		MA								
		Calculus with Analytic Geometry I		MA								
		Calculus with Analytic Geometry II		MA								
		Calculus with Analytic Geometry III Elementary Differential Equations		MA MA								
		Modern Differential Equations		MA								
		Calculus I		MA								
		Mathematical Structures	L	IVIA								
		Mathematical Methods for Genetic Analysis			CS							
		Introduction to Linear Programming			CS							
		Applied Computational Methods			CS							
		Numerical Analysis I			CS							
		Numerical Analysis I			CS							
		Computer Arithmetic			CS							
		Mathematical Modeling			CS							
MBB		Cellular and Molecular Biology (if credit also earned in MBB 246)						SQ	1			
		Cellular and Molecular Biology Laboratory (if credit also earned in MBB 245)						SQ				
		Genetic Engineering and Society	L									
		Capstone: Issues in Biotechnology	L									
MCE		Understanding the Culturally Diverse Child								C		
		Introduction to Mass Communication					SB					
	120	Media and Society					SB					
	402	Mass Communication Law	L									
	418	History of Mass Communication					SB					Η
	430	International Mass Communication									G	
	450	Visual Communication				HU						
	456	Political Communication					SB					
		Race, Gender, and Media (Cross-listed as AFR 460)								C		
MET		Applied Computer-Integrated Manufacturing			CS							
MHL		MacLiteracy for Musicians			CS							
		Music in World Cultures				HU					G	
		The Evolution of Jazz							_	_		Η
	363	Survey of Russian Music				HU						
		Music in the Classic Era							_	_		H
		Music in the 19th Century										Н
		Music of the Baroque Era	L						-		_	
		Music Since 1900	L							0		
MIC		North American Indian Music Microbiology (if credit also earned in MIC 206)	L			HU			G	C		
MIC		Microbiology (in credit also earned in MiC 200) Microbiology Laboratory (if credit also earned in MIC 205)							_			
		Advanced Bacteriology Laboratory (if credit also earned in MIC 203)	L					3	G			
		Research Paper (if credit also earned in MIC 302)										
MIS		American Defense Policy I					SB					
1113		American Defense Policy I American Defense Policy II					SB					
		Comparative Defense Policy Analysis					SB					
		Soviet/C.I.S. Foreign and Defense Policies					SB					
МКТ		Strategic Marketing	L				50					
		Materials Engineering Design	L									
		Music Therapy Research	L									
	501	interior interior interior										

			L	MA	CS	HU	SB	SQ	SG	С	G	H
MUS	340	Survey of Music History				HU						Н
	347	Jazz in America (Cross-listed as AFH 347)				HU						
	354	Popular Music				HU						
	355	Survey of American Music				HU						Н
	356	Survey of the Musical Theatre				HU						
NTR	300	Computer Applications in Nutrition			CS							
	344	Nutrition Services Management	L									
	348	Cultural Aspects of Food								С		
	448	Community Nutrition	L									
	450	Nutrition in the Life Cycle I					SB					
NUR	362	Professional Development II: Nursing Research	L									
	391	Registered Nurse Mobility I: Professional Development	L									
	461	Professional Development III: The Art of Nursing				HU						
OPM		Changing Business Processes	L									
PGS		Introduction to Psychology					SB					
	222	Human Sexual Behavior					SB					
	270	Psychology of Adjustment					SB					
	304	Effective Thinking	L									
	306	Environmental Psychology					SB					
	315	Personality Theory and Research					SB					
	341	Developmental Psychology					SB					
	350	Social Psychology					SB					
	351	Honors Social Psychology	L				SB					
	365	Community Psychology					SB					
	414	History of Psychology	L				SB					
		Psychology of Aging	L				SB					
	441	Cognitive Development	L				SB					
	443	Abnormal Child Psychology	L				SB					
	444	Adolescent Psychology and Psychopathology	L									
	445	Child Language and Drawing					SB					
	446	Social Development	L									
	450	Social Perception and Cognition	L									
	451	Stereotyping, Prejudice, and Discrimination	L									
	452	Applied Social Psychology	L									
	461	Interpersonal Influence					SB					
	463	Advanced Psychology of Adjustment	L									
	465	Psychology of Stress and Coping	L									
	466	Abnormal Psychology					SB					
	467	Psychology of Magical Beliefs	L									
PHI	101	Introduction to Philosophy				HU						
	103	Principles of Sound Reasoning	L			HU						
	105	Introduction to Ethics				HU						
	300	Philosophical Argument and Exposition	L									
	301	History of Ancient Philosophy				HU						Н
	302	History of Modern Philosophy				HU						Н
	304	Existentialism				HU						
	305	Ethical Theory				HU						
	306	Applied Ethics				HU						
	307	Philosophy of Law				HU						
		Philosophy of Art				HU						
	309	Social and Political Philosophy				HU						
	310	Environmental Ethics				HU						
	311	Philosophy in Literature				HU						
	312	Theory of Knowledge				HU						
	314	Philosophy of Science				HU						
	315	Philosophy of Language				HU						
	316	Metaphysics				HU						

			L	MA	CS	HU	SB	SQ	SG	C	G	H
	317	Philosophy of Mind				HU						
	318	Philosophy of Religion				HU						
	319	Philosophy of Computing			CS	HU						
		Philosophy of Social Science				HU	SB					
	332	19th-Century Philosophy				HU						
	335	History of Ethics				HU						
	402	Empiricism				HU						
	403	Contemporary Analytic Philosophy				HU						
PHS	110	Fundamentals of Physical Science						SQ				
	208	Patterns in Nature (Cross-listed as STE 208)						SQ				
PHY	101	Introduction to Physics						SQ				
	111	General Physics (if credit also earned in PHY 113)						SQ				
	112	General Physics (if credit also earned in PHY 114)						SQ				
	113	General Physics Laboratory (if credit also earned in PHY 111)						SQ				
	114	General Physics Laboratory (if credit also earned in PHY 112)						SQ				
	121	University Physics I: Mechanics (if credit also earned in PHY 122)						SQ				
		University Physics Laboratory I (if credit also earned in PHY 121)						SQ				
	131	University Physics II: Electricity and Magnetism (if credit also earned in PHY 132)						SQ				
	132	University Physics Laboratory II (if credit also earned in PHY 131)						SQ				
	150	Physics I						SQ				
	151	Physics II						SQ				
		Mathematical Methods in Physics I			CS			-				
		Physics III						SQ				
	334	Advanced Laboratory I (if credit also earned in PHY 420)	L									
		Research Paper (if credit also earned in PHY 334)	L									
PLA	101	Landscape and Society				HU					G	
		Computers in Landscape Architecture			CS							
	310	History of Landscape Architecture (Cross-listed as APH 411)										Н
		Landscape Architecture Theory and Criticism	L									
	420	Theory of Urban Design				HU						
	485	International Field Studies in Planning and Landscape Architecture (Cross-listed as PUP 485) (Three hours must be taken to secure G credit.)									G	
PLB	108	Concepts in Plant Biology						SQ				
	200	Biology of Plants (if credit also earned in PLB 201)						SQ				
		Biology of Plants Laboratory (if credit also earned in PLB 200)						SQ				
		Plants in Cities: Introduction to Urban Horticulture						_	SG			
	300	Comparative Plant Diversity	L						SG			
		Environmental Science (Nonmajor) (Cross-listed as BIO 319)									G	
		Plant Pathology	L									
	430	Statistical Analyses in Environmental Science			CS							
	432	Computer Applications in Biology (Cross-listed as BIO 406)			CS							
POR		Intermediate Portuguese									G	
		Portuguese Composition and Conversation									G	
	314	Portuguese Composition and Conversation									G	
	321	Luso-Brazilian Literature				HU						
	472	Luso-Brazilian Civilization				HU					G	
POS	101	Political Ideologies					SB					
		Government and Politics					SB					
		Comparative Government					SB				G	
		Global Politics					SB				G	
		Political Issues and Public Policy					SB					
		Current Issues in National Politics	L				SB					
		Introduction to Southeast Asia									G	
		(Cross-listed as ASB 240/GCU 240/HST 240/REL 240)									2	
	260	Current Issues in International Politics	L				SB				G	
		American Legal System					SB					
	300	Contemporary Controversies in Global Politics					SB				G	

		General Studies Courses (continued)	1					1				
			L	MA	CS	HU	SB	SQ	SG	C	G	H
	301	Empirical Political Inquiry					SB					
		Politics and Film					SB					
		American National Government					SB					
		The Congress					SB					
		The American Presidency					SB					
		The Supreme Court					SB					
		State and Local Government					SB					
		Public Administration					SB					
		Public Policy Development					SB					
		Contemporary Controversies in Domestic Politics					SB					
		Public Opinion					SB					
		American Political Parties					SB					
		Interest Groups					SB					
		Voters in America					SB					
		History of Political Philosophy I				HU	50					Н
		History of Political Philosophy II				HU						H
		Problems of Democracy				HU						
		Comparative Politics					SB				G	
		Democratization					SB				G	
		Russia and Successor States					SB				G	
		European Union					SB				G	
		South Asia Politics					SB				G	
		Southeast Asia					SB				G	
		African Politics and Society					SB				G	
		World Politics					SB				G	
		American Foreign Policy					SB				G	
		National Security, Intelligence, and Terrorism					SB				U	
		Law and Society					SB			_		
		Political Statistics			CS		3D					
		Governing American Cities			CS		SB			-		
		The Arizona Political System					SB					
		•					SB			_		
		Elements of Public Policy										
		Campaigns and Elections Money and Politics					SB SB			_		
		•										
		Media and Politics					SB		_	C		
		Women and Politics					SB			C		
		Minority Group Politics in America				T TT T	SB		_	С		
		American Political Thought				HU						
		Topics in Contemporary Political Theory				HU	CD			_	C	
		Asian Political Thought					SB				G	
		China, Japan, and the Koreas					SB			_	G	
		China					SB				G	
		South America					SB				G	
		Mexico					SB				G	
		Central America and the Caribbean					SB				G	
		South and Southern Africa					SB				G	
		Inter-American Relations					SB				G	
		International Organization and Law					SB				G	
		International Security					SB				G	
		Comparative Asian Foreign Policies					SB				G	
		Constitutional Law I					SB					
		Constitutional Law II					SB					
		Political Economy					SB					
		International Political Economy					SB				G	
		Pro-Seminar	L									
PSY		Introduction to Statistics			CS							
	200	Research Methods	L					1	SG			1

		General Studies Courses (continued)				1		1			
			L	MA	CS	HU	SB	SQ SG	C	G	Н
	330	Statistical Methods			CS						
	390	Experimental Psychology	L								
		Analysis of Behavior	L								
		Genetic Psychology	L								
	425	Biological Bases of Behavior	L								
		Neuroanatomy	L								
	434	Cognitive Psychology	L								
		Human Factors	L								
	498	PS: Behavioral Neuroscience Research	L								
PUP	100	Introduction to Environmental Design (Cross-listed as APH 100/DSC 100)				HU				G	Н
	200	• • • • •				HU					Н
	236	Introduction to Computer Modeling			CS						
		Introduction to Urban Planning	L		00						
		History of the City (Cross-listed as APH 414)	-								Н
		Theory of Urban Design				HU					
		Women and Environments				110			C		
		Ethics and Theory in Planning	L								
		• •								G	
		International Field Studies in Planning and Landscape Architecture (Cross-listed as PLA 485) (Three hours must be taken to secure G credit.)			~~~					0	
QBA	221	•			CS						
REC		Leisure and the Quality of Life					SB				
		Leisure and Society					SB				
		Introduction to Travel and Tourism								G	
	330	Programming of Recreation Services	L								
	380	Wilderness and Parks in America					SB				Η
	458	International Tourism								G	
REL	100	Religions of the World				HU				G	
	200	The Study of Religious Traditions	L			HU				G	
	201	Religion and the Modern World	L			HU					
	202	Religion and Popular Culture				HU			C		
	203	Saints and Sinners: Explorations in Sacred Biography				HU					Н
	205	Living and Dying				HU					
	210	Introduction to Judaism	L			HU					Η
	225	African American Religion (Cross-listed as AFH 225)				HU			C		
	240	Introduction to Southeast Asia								G	
		(Cross-listed as ASB 240/GCU 240/HST 240/POS 240)									
	260	Introduction to Islam (Cross-listed as HUM 260)				HU				G	
	270	Introduction to Christianity				HU					
	301	Comparative Mysticism				HU					
		Ritual, Symbol, and Myth	L			HU					
		Western Religious Traditions				HU					Н
		Hebrew Bible (Old Testament)	L			HU					Н
	317					HU					Н
	318					HU	SB		C		
		American Religious Traditions				HU	0.0		C		Н
	321	6				HU			C		H
		Malcolm and Martin (Cross-listed as AFH 322)				HU			C		
		Black Religion: A Biographical Approach (Cross-listed as AFH 323)				HU			C		
		U.S. Latino Religion and Culture				HU			C		
		Native American Religious Traditions							C		
			т			HU			C		TT
		History of Native American Religious Traditions	L			HU			C	0	Η
	332	6	T			HU				G	TT
	343		L			HU				G	Η
		Religion and Values in Japanese Life				HU				G	
		Asian Religious Traditions	-			HU				G	
		Hinduism	L			HU				G	
	351	Buddhism	L			HU				G	

GENERAL STUDIES

General Studies Cou	rses (continued)
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			L	MA	cs	HU	SB	SQ	SG	С	G	Н
	355	Japanese Cities and Cultures to 1800 (Cross-listed as HUM 310)	L			HU						Н
	365	Islamic Civilization				HU						Н
	366	Islam in the Modern World				HU					G	Н
	371	New Testament				HU						1
	372	Formation of the Christian Tradition				HU						Н
	374	Witchcraft and Heresy in Europe (Cross-listed as HST 361)	L									Н
	377	Religion in Russia				HU						Н
	379	Religion, Nationalism, and Ethnic Conflict				HU					G	
	381	Religion and Moral Issues	L			HU						
	382	Religion, Magic, and Science	L			HU						
	385	Contemporary Western Religious Thought	L			HU						
	386	America and the Holocaust				HU	SB					
	390	Women and Religion				HU					G	1
	410	Judaism in Modern Times				HU						Н
	415	The Jewish Mystical Tradition				HU						
	420	Religion in American Life and Thought				HU						
		American Preachers and Preaching: The Sermon in America				HU						I
		American Religious Thought				HU						Н
		Religion in Japan				HU					G	Н
		Studies in Islamic Religion				HU					G	1
		Religion in the Middle Ages				HU						Н
		Reformation and Modern Christianity				HU						Н
		Religion and Global Politics									G	1
RUS		Intermediate Russian									G	l
		Intermediate Russian									G	1
	211	Basic Russian Conversation									G	l
		Basic Russian Conversation									G	1
		Russian Composition and Conversation									G	l
		Russian Composition and Conversation									G	
		Foundations of Russian Literature				HU						Н
		Great Russian Writers of the 19th Century	L			HU						
		Modern Russian Literature and the Soviet Legacy	L			HU					G	Í
		Advanced Composition and Conversation I									G	1
		Advanced Composition and Conversation I									G	1
		Russian Poetry	L			HU						1
		Pushkin	L			HU						1
		Dostoyevsky	L			HU						
	424		L			HU						1
		Chekhov	L			HU						
		Russian Short Story	L			HU						
	441	•	L			HU					G	Н
SCA		Introduction to Scandinavian Culture				HU					G	Н
5011		Scandinavian Cinema				HU					G	11
		Masterpieces of Scandinavian Literature	L			HU						1
SCM		-	L			me						
SHS		Language Science					SB					1
5115	465	0.0					SB					1
SLV	426		L			HU	50				G	
SOC	101					me	SB					1
350	220	, .,					SB					
		Racial and Ethnic Relations					SB			С		1
		Principles of Sociology					SB			C		
		Sociology of Adolescence					SB					
		Courtship and Marriage					SB					
							SB SB					
	318	Overview of Aging Sociology of Work					SB					
							SB				G	
	551	Environmental Sociology	1				28				U	

L MA CS HU SB SQ SG C GH SB G 332 Urban Sociology 333 Population SB G SB 340 The Sociology of Deviance 341 Modern Social Problems SB SB G 352 Social Change Н 360 Sociological Psychology SB 361 Variant Sexuality SB 363 Men and Masculinity SB 365 Sociology of Mass Communication SB 375 Contemporary American Jewish Identities (Cross-listed as REL 318) HU SB C 390 Social Statistics I CS SB 391 Sociological Research SB 415 The Family 416 Marriage Problems in Contemporary Society L SB SB 417 Family Violence SB 418 Aging and the Life Course L SB 420 Sociology of Religion 421 Education and Society SB 422 Sociology of Complex Organizations L SB 423 Social Class and Stratification L SB SB 424 Women and Health L 427 Sociology of Health and Illness L SB SB 429 Sociology of Law 433 Applied Demography SB 446 Sociology of Crime SB SB 448 Epidemics and Society G 451 Comparative Sociology SB G 455 Social Movements SB SB 456 Political Sociology G 464 Sociology of Women SB L С SB 474 African Americans in Modern Society С SB 483 History of Social Thought SB 485 Sociology of Knowledge L 486 Contemporary Theory SB SPA 201 Intermediate Spanish G 202 Intermediate Spanish G 203 Intermediate Spanish for Bilinguals G 204 Intermediate Spanish for Bilinguals G 207 Spanish for International Professions II G 313 Spanish Conversation and Composition G 314 Spanish Conversation and Composition G G 319 Business Correspondence and Communication 325 Introduction to Hispanic Literature HU G 412 Advanced Conversation and Composition 413 Advanced Spanish Grammar G 420 Applied Spanish Linguistics L С 421 Spanish in the Southwest SB L 425 Spanish Literature HU 426 Spanish Literature HU 427 Spanish American Literature L G 428 Spanish American Literature L 464 Mexican American Literature HU 471 Civilization of the Spanish Southwest HU 472 Spanish American Civilization HU G Н 473 Spanish Civilization HU SB G 485 Mexican American Short Story L

SB

General Studies Courses (continued)

SPE 311 Orientation to Education of Exceptional Children

General S	Studies	Courses	(continued)
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			L	MA	CS	HU	SB	SQ	SG	С	G	H
SPF	301	Culture and Schooling	L									
STE	208	Patterns in Nature (Cross-listed as PHS 208)						SQ				
STP		Conceptual Statistics			CS			-				
	226	Elements of Statistics			CS							
	326	Intermediate Probability			CS							
		Introductory Applied Statistics			CS							
	429	Experimental Statistics			CS							1
SWU	171	Introduction to Social Work					SB					
	301	Human Behavior in the Social Environment I	L				SB					ľ
	321	Statistics for Social Workers			CS							
	340	Human Behavior in the Social Environment II					SB					ľ
	374	Diversity and Oppression in a Social Work Context					~ =			С		
	493	Honors Thesis	L							Ū		ľ
ГНА		Intermediate Thai I	-								G	
		Intermediate Thai I									G	
ГНЕ		Introduction to Theatre				HU					Ű	
		Principles of Dramatic Analysis	L			110						l
		Film: The Creative Process I				HU						
		Film: The Creative Process I				HU						
		History of the Theatre I				HU						
		5										
		History of the Theatre II Independent Film				HU HU						
		1				HU					C	
		Foreign Films and Filmmakers				T TT T			_		G	
		Film: Great Performers and Directors				HU				C		
		American Multicultural Film	т			HU			_	С		
		History of the English Theatre	L			HU				0		
		African American Theatre								C		L
		Theatre for Social Change								С		
rwc		Impact of Communications Technology on Society	L									L
	301	General Principles of Multimedia Writing	L									
	400	Technical Communications	L									L
	401	Principles of Technical Communication	L									
		Principles of Visual Communication	L									
		Principles of Writing with Technology	L									
	431	Principles of Technical Editing	L									L
		Technical and Scientific Reports	L									
	447	Business Reports	L									
VTN	201	Intermediate Vietnamese I									G	
	202	Intermediate Vietnamese II									G	
WSH	413	Lesbian, Gay, and Gender Studies				HU				С		
	464	Voices and Visions				HU				С		
		Women and Popular Culture				HU				С		
WST	100	Women and Society					SB			С		
		Women in Contemporary Society					SB			С		
	313	Women and Sexuality					SB					
	360	Women as Healers					SB				G	
	373	Latina/Chicana Issues					SB			С		ľ
	375	Women and Social Change					SB			С		l
	377	History of American Feminist Thought	L							С		ľ
	378	Contemporary Feminist Theory	L							C		l
		Gender, Race, and Class	L				SB			C		ſ
	457	Gender, Culture, and Development	L				SB			0	G	l
	460	Women and the Body					SB			С	5	f
	477	Women and Violence					SB			C		l
	498	PS: Theoretical Issues in Women's Studies	L				50			C		ſ