DESCRIPTIONS of COURSES 1989

This section provides descriptions of all courses given by the University at both the undergraduate and graduate levels. The courses are listed in the schools and departments which give the instruction. The schools and departments are arranged in alphabetical sequence.

Refer to the statements on *credits* and *Course Formats* and *Credits* in the Academic Programs section of the catalog.

COURSE NUMBERS

001-099 Non-Credit Courses

Courses with these numbers are offered by the University to permit students to make up deficiencies in previous training or to improve their facility in certain basic skills without earning credit.

For information about remedial-developmental-preparatory courses, consult the *Academic Programs* section of the catalog.

100-299 Undergraduate Courses

Courses with these numbers are for undergraduate students. They carry no graduate credit, although graduate students may be admitted to such courses in order to make up prerequisites or to gain a foundation for advanced courses.

For information about remedial-developmental-preparatory courses, consult the *Academic Programs* section of the catalog.

300-499 Advanced Undergraduate Courses

Courses with these numbers are for advanced undergraduate students. They constitute the advanced portion of an undergraduate program leading to the bachelor's degree. A graduate student may carry 400 level courses for credit upon approval of the student's major department and the department offering the course. In exceptional cases, a graduate student may petition the dean of his or her college, in writing, for approval of a 300 level course for graduate credit.

500-699 Graduate-Professional Courses

Courses with these numbers are courses in the graduateprofessional programs. A graduate student may carry these courses for credit with approval of the major department.

800-899 Graduate Courses

Courses with these numbers are for graduate students. Advanced undergraduates with a 3.00 or better gradepoint average in their total programs may be admitted to 800-899 level courses; others, if recommended by their academic adviser and approved by their dean. At least 23 credits of the total required for a master's degree shall be taken at the 800 and 900 level except as specifically exempted by the dean of the college.

900-999 Advanced Graduate Courses

Courses with these numbers are exclusively for graduate students and primarily for advanced graduate students. A master's degree candidate may take these courses with the approval of the major department, with the exception of courses numbered 999 (doctoral dissertation research). Admission to a doctoral degree program is a prerequisite of all courses numbered 999.

VARIABLE CREDIT COURSES

For each variable credit course, the range of credits for which a student may enroll in a given term shall be specified.

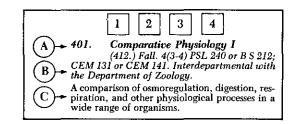
Except for courses numbered 899 (Master's Thesis Research) and 999 (Doctoral Dissertation Research), the maximum number of credits that a student may earn in a course with a reenrollment provision shall be specified.

MULTITITLED COURSES

A multititled course is one that has been approved as such by the Academic Council upon recommendation of the Full Committee, University Committee on Curriculum (UCC). Approval of a course as a multititled course shall include authorization for subtitles for the course to be established. Approved subtitles shall have the same status as separately approved courses that are included in the *Descriptions of Courses* section of the University catalog. For example, an approved subtitle shall be included in the *Schedule of Courses* in place of the general, authorized title for the multititled course and shall appear on students' academic records (including transcripts). Multititled courses are identified as such by the coding '(MTC)' after the course titles.

Multititled courses may have approved subtitles. A subtitle of a multititled course represents a subject matter area that is related to the course and that has been approved as a subtitle for that course by the Full Committee, UCC, upon recommendation of the appropriate UCC subcommittee.

COURSE LISTINGS



This material has three categories.

(A) The course number and title including:

The	course	number	suffix:

H — Honors Course	
1 — Type I	
2 — Type II	Remedial-Develop-
3 — Type III	mental-Preparatory
4 — Type IV	Courses.
5 - Type V	

For additional information about remedial-developmental-preparatory courses, consult the Academic Programs section of the catalog. The General Education designation code in parentheses following the title: ALPHA

NAME

- (A) Arts and Humanities
- (N) Biological, Physical, and
- Mathematical Sciences
- (S) Social and Behavioral Sciences.

For additional information, refer to the section on Courses Approved for General Education Designation beginning on page A-3.

The multititled course designation code in parentheses (MTC) following the title of any course that has been approved as a multitled course.

The material in italics which includes:

В

 $\begin{bmatrix} 2 \\ 2 \end{bmatrix}$ The term or terms the course is authorized to be given. Lack of staff or low student enrollment may preclude offering the course, particularly at the advanced level, every term for which it is authorized.

 $\begin{bmatrix} 3 \\ \end{bmatrix}$ The term credits are designated to include class hours a week as follows: A(B-C) where:

- A = Number of term (quarter) credits.
- B = Number of class hours a week in lecture, recitation, quiz, etc., sections.
- C = Number of class hours a week in laboratory.

If the credit is indicated to be variable, the number of credits is to be determined at the time of enrollment. If the course is a non-credit course, the credit-equivalent is given in brackets.

⁴ The course number(s) or other information indicates the preparation or classification prerequisite to enrollment in the course. If a course alpha code and number are listed, the reference is to a course indicated by the code. The alpha codes and the corresponding names are listed on this page. The prerequisite may be satisfied by the course or courses indicated or equivalent background. If a class standing such as juniors is listed, only students with that or a higher class level are eligible for enrollment. A student who is unsure of eligibility for enrolling in a course should contact the department, school, or college that administers the course.

(C) A brief description of the course.

Course Alpha Code Designations

The codes are listed in alphabetical order. The departments are listed in alphabetical sequence by their names in the pages which follow.

ALPHA	
CODE	NAME
AE	Agricultural Engineering
AL	Arts and Letters (College of)
AS	Aerospace Studies
ACC	Accounting
ADV	Advertising
AEC	Agricultural Economics
AEE	Agricultural and Extension Education
AET	Agricultural Engineering Technology—See
	Agricultural Engineering
AFR	African Languages—See Linguistics and Germanic,
	Slavic, Asian and African Languages
AMS	American Studies
ANP	Anthropology
ANR	Agriculture and Natural Resources
ANS	Animal Science
ANT	Anatomy
ARB	Arabic-See Linguistics and Germanic, Slavic, Asian and
	African Languages

CODE	NAME
ASC	Audiology and Speech Sciences Astronomy and Astrophysics—See Physics and
AST	Astronomy
ATM	Agricultural Technology and Systems
ATL	Management—See Agricultural Engineering American Thought and Language
BS	Biological Science
BCH	Biochemistry Building Construction Management See
ВСМ	Building Construction Management—See Agricultural Engineering
BIM	Biomechanics
BME BOT	Biomedical Engineering Botany and Plant Pathology
CE	Civil Engineering
C J CAS	Criminal Justice Communication Arts and Sciences (College of)
CEM	Chemistry
CEP	Counseling, Educational Psychology and Special Education
CHE	Chemical Engineering
CHS	Chinese—See Linguistics and Germanic, Slavic,
CLA	Asian and African Languages Classical Studies—See Romance and Classical Languages
CMS	Community Health Science
COM	Communication
CPS CSS	Computer Science Crop and Soil Sciences
ΕE	Electrical Engineering Earth Science—See Geological Sciences
E S EAD	Earth Science—See Geological Sciences Educational Administration
EC	Economics
EGR	Engineering Environmental Engineering See Civil and
ENE	Environmental Engineering—See Civil and Environmental Engineering
ENG	English
ENT F E	Entomology Food Engineering—See Agricultural Engineering
FI	Finance and Insurance
FM	Family Medicine
F W FCE	Fisheries and Wildlife Family and Child Ecology
FMP	Family Practice
FOR FRN	Forestry French—See Romance and Classical Languages
FSC	Food Science
FSM	Food Systems Economics and Management-See
G R	Agricultural Economics German and Russian—See Linguistics, Germanic,
	Slavic, Asian and African Languages
GBL GEN	General Business and Business Law Genetics
ĞĒŎ	Geography
GLG	Geology—See Geological Sciences Greek—See Romance and Classical Languages
GRK GRM	German—See Linguistics, Germanic, Slavic,
	Asian and African Languages
H A H M	History of Art—See Art Human Medicine (College of)
HCP	Health Education, Counseling Psychology and
HEB	Human Performance Hebrew—See Linguistics and Germanic, Slavic,
IIE B	Asian and African Languages
HEC	Human Ecology (College of)
HED HNF	Human Environment and Design Human Nutrition and Foods—See Food Science
	and Human Nutrition
HRI HRT	Hotel, Restaurant and Institutional Management Horticulture
HST	History
HUM	Humanities
IM IS	Internal Medicine Improvement Service
IDC	Interdisciplinary Courses
ITL IPN	Italian-See Romance and Classical Languages Japanese-See Linguistics and Germanic, Slavic,
-	Asian and African Languages
JRN L A	Journalism Landscape Architecture—See Geography
LBS	Lyman Briggs School
LCS	Large Animal Clinical Sciences
LIN	Linguistics—See Linguistics and Germanic, Slavic, Asian and African Languages
LIR	Labor and Industrial Relations
LOA	Linguistics and Oriental and African Languages— See Linguistics and Germanic, Slavic, Asian
	and African Languages
LTN	Latin—See Romance and Classical Languages
M C M E	James Madison College Mechanical Engineering
MS	Military Science Medical Technology
M T MED	Medical Technology Medicine
MGT	Management
MMM MPH	Metallurgy, Mechanics, and Materials Science
MTA	Microbiology and Public Health Marketing and Transportation Administration
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ALPHA	
CODE	NAME
MTH	Mathematics
MUS	Music
NE	Nursing (College of)
N S	Nursing (College of) Natural Science
NSC	Natural Science (College of)
ОМ	Osteopathic Medicine
OGR	Obstetrics, Gynecology, and Reproductive Biology
OST	Osteopathic Medicine (College of)
PAM	Osteopathic Medicine (College of) Public Affairs Management—See Agricultural Economics
PED	Pediatrics
PHD	Pediatrics and Human Development
PHL	Philosophy
PHM	Pharmacology and Toxicology
PHS	Physical Science
PHY	Physics-See Physics and Astronomy
PKC	Packaging
PLS	Political Science
PRR	Park and Recreation Resources
PRT	Portuguese-See Romance and Classical Languages
PSC	Psychiatry
PSL	Physiology
PSY	Psychology
PTH	Pathology
RD	Resource Development
RAD	Radiology
REL	Religious Studies
ROM	Romance Languages-See Romance and Classical
	Languages
RUS	Russian-See Linguistics and Germanic, Slavic, Asian
	and African Languages
SS	Social Science
S S S W	Social Work
SCS	Small Animal Clinical Sciences
SOC	
SPN	Sociology Spanish—See Romance and Classical Languages
SSC	Social Science (College of)
STA	Studio Art-See Art
STT	Statistics and Probability
ŠŪŔ	Surgery
SYS	Systems Science—See Electrical Engineering and
0.0	Systems Science
ТЕ	Teacher Education
ŤĈ	Telecommunication
THR	Theatre
UP	Urban Planning—See Geography
ŇМ	Veterinary Medicine (College of)
WS	Veterinary Medicine (College of) Women's Studies
ŻOŁ	Zoology
	C/

GROUPINGS OF COURSES APPROVED FOR GENERAL EDUCATION CREDIT

Each student must earn a minimum of 45 credits in General Education in courses divided among the following four areas: written and oral communication; arts and humanities; biological, physical, and mathematical sciences; and social and behavioral sciences. In meeting the minimum of 45 credits, no fewer than 9 credits and no more than 16 credits shall be taken to satisfy the General Education requirement in each of the four areas. Students must meet the written and oral communication General Education requirement by completing 9 credits in appropriate American Thought and Language courses.

priate American Thought and Language courses. Beginning in the Fall of 1982, any student who has not completed the General Education requirements in the arts and humanities; biological, physical, and mathematical sciences; and social and behavioral sciences must meet these requirements in accordance with the statements on the groupings of courses in these areas that follow. If after completing a prescribed grouping of courses in each of the three areas the General Education credits do not total 36, the student must select an additional course approved for General Education from any of the three areas.

The planned groupings of courses approved for General Education in the arts and humanities and social and behavioral sciences areas are arranged according to:

> Option A — groupings of courses arranged as three term sequences/series representing a broadly integrative perspective on selected topics or issues.

Option B — groupings of courses arranged according to specific emphases representing selected approaches to knowledge within the relevant area or emphases on topics or issues within the area.

The planned groupings of courses approved for General Education in the biological, physical, and mathematical sciences correspond to Option B as described above.

The General Education courses that are offered each term are included in the appropriate departmental listings in the *Schedule of Courses*. For additional information concerning the University's general education requirements, refer to the *Academic Programs* section of the University Catalog.

¹ Courses approved for General Education by the Academic Council will be counted toward the General Education requirements in accordance with the effective date for General Education approval. No course that was offered prior to the effective date for General Education approval shall be counted toward the requirements.

Any course that had General Education approval, but no longer has General Education approval, will be counted toward the General Education requirements if the course was completed during the period for which it had General Education approval. Any student who completed such a course should consult his or her academic adviser regarding the completion of the General Education requirements.

Its or ner academic adviser regarding the completion is the change in the 1980 requirements. On April 15, 1986, the Academic Council approved a change in the 1980 General Education Policy on the substitution of certain alternative courses for those approved for General Education designation in the area closest to the student's major and mandated that the change be implemented no carlier than Fall Term 1987 and no later than Fall Term 1988. Students should consult departments, schools, and colleges on what, if any, General Education substitutions are available to them.

GROUPINGS OF GENERAL EDUCATION COURSES IN THE ARTS AND HUMANITIES

Students complete either Option A or Option B

Option A — Students take all three courses in one of the following series/sequences. Additional series/sequences of courses are available to students who elect to complete three courses in the Department of Humanities; each such series/sequence is comprised of three courses, one of which ends in number 1, one of which ends in number 2, and one of which ends in number 3.

				CREDITS
A-l	ΑL	311	Great Cities, Arts and Ideas: The Western Classical	
	A L A L	312 313	Age (A). Great Cities, Arts and Ideas: The Renaissance (A) Great Cities, Arts and Ideas: The Modern World (A)	
A-2	GRM GRM GRM	241 242 243	German Literature in English Translation (A) German Literature in English Translation (A) German Literature in English Translation (A)	. 3
A-3	H A H A	206 207	History of Western Art: The Ancient World $(A) \dots$ History of Western Art: The Middle Ages and the	
	H A	208	Renaissance (A) History of Western Art: The Baroque to the Present (A)	
A-4	HST	111	The Roots of European History (A)	
л- 1	HST	112	Maturing of European Civilization (A)	. 4
	HST	113	Europe in the Modern Age (A)	. 4
A-5	HUM HUM	$\begin{array}{c} 201 \\ 202 \end{array}$	Humanities in the Western World: Ancient $(A) \dots$. Humanities in the Western World: Medieval and	
	ним	203	Early Modern (A) Humanities in the Western World: Modern (A)	
A-6	HUM HUM	211 212	Great Books of Western Culture, Ancient (A) Great Books of Western Culture, Medicval and Early	
	HUM	213	Modern (A) Creat Books of Western Culture, Modern (A)	. 4
A-7	ним	221	The Visual Arts and Western Culture, Ancient (A)	
A-7	HUM	222	The Visual Arts and Western Culture, Medieval and	
	HUM	223	Early Modern (A) The Visual Arts and Western Culture, Modern (A)	. 4 . 4
A-8	HUM HUM	261 262	Music and Western Culture, Ancient (A) Music and Western Culture, Medieval and Early	
	НUМ	263	Modern (A) Music and Western Culture, Modern (A)	4

A-9	HUM HUM	282H	Honors Course: Ancient World (A) Honors Course: Medieval and Early Modern Pariots (A)
	HUM	283H	Periods (A) Honors Course: Modern World (A)
A-10	MUS MUS MUS	211 212 213	Introduction to Music Literature I (A) Introduction to Music Literature II (A) Introduction to Music Literature III (A)
A-11	PHL PHL PHL	211 212 213	Ancient Philosophy (A) Medieval and Early Modern Philosophy (A) Modern Philosophy (A)
A-12	REL REL REL	150 151 152	Exploring Religion (A) Western Religions (A) Eastern Religions (A)
A-13	REL REL REL	220 221 222	Old Testament (A) Old Testament (A) New Testament (A)
A-14	REL REL REL	370 371 372	Religion in American Culture (A) Religion in American Culture (A) American Civil Religion (A)
A-15	ROM	241	Masterpieces of the Romance and Classical Literatures in English Translation (A)
	ROM	242	Masterpieces of the Romance Literatures in English
	ROM	243	Translation (A) Masterpieces of the Romance Literatures in English Translation (A)
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Option B — Students take one course in *each* of at least 3 of the following emphases:

- B-1 Emphasis in Fine Arts
- B-2 Emphasis in History
- B-3 Emphasis in Language and Literature
- B-4 Emphasis in Philosophy and Religion

Students may not receive credit in more than one Humanities course which ends in the same number: 1, 2 or 3.

B-1	Empha	ısis in	Fine Arts
	ΑL	311	Great Cities, Arts and Ideas: The Western Classical Age (A)
	AL AL	312 313	Great Cities, Arts and Ideas: The Renaissance (A) Great Cities, Arts and Ideas: The Modern World (A).
	H A H A	205 206	Purposes of Art (A) History of Western Art: The Ancient World (A)
	ΗA	207	Renaissance (A).
	НА	208	History of Western Art: The Baroque to the Present (A).
	HUM HUM	221 222	The Visual Arts and Western Culture, Ancient (A) The Visual Arts and Western Culture, Medieval and
	HUM	223	Early Modern (A) The Visual Arts and Western Culture, Modern (A)
	HUM HUM	261 262	Music and Western Culture, Ancient (A) Music and Western Culture, Medieval and Early Modern (A)
	HUM	263	Music and Western Culture, Modern (A)
	MUS MUS	211 212	Introduction to Music Literature I (A) Introduction to Music Literature II (A)
	MUS	213	Introduction to Music Literature III (A)
	STA	101	How to Look at Art (A)
B-2	Empha HST	asis in 101	History The African Experience (A)
	HST	102	The Latin American Experience (A)
	HST	103	The East Asian Experience in the Modern World (A).
	HST	111	The Roots of European History (A)
	HST HST	$\frac{112}{113}$	Maturing of European Civilization (A)
	HST	121	Europe in the Modern Age (A) Union to Disunion: America, The First Hundred Years (A)
	HST	122	Years (A) History of the United States: The Nation State (A)
	HUM	201	Humanities in the Western World: Ancient (A)
	HUM	202	Humanities in the Western World: Medieval and Early Modern (A)
	HUM	203	Humanities in the Western World: Modern (A)
	HUM	204	The Humanities in the Contemporary World (A)
	HUM HUM		Honors Course: Ancient World (A) Honors Course: Medieval and Early Modern Periods (A)
	HUM		Honors Course: Modern World (A)
	HUM	296	The Cultural Traditions of Japan (A).
	REL REL	$\frac{370}{371}$	Religion in American Culture (A) Religion in American Culture (A)
	REL	372	American Civil Religion (A)
B-3	Emph		Language and Literature
	AL	345	Jewish Humanities in the Twentieth Century (A)
	ENG ENG	$\frac{241}{344}$	Introduction to Popular Culture (A) Jewish-American Literature (A)
	FRN	341	French Literary Masterpieces in English Translation (A)
	GRM	241	German Literature in English Translation (A)
	GRM	242	German Literature in English Translation (A)
	GRM HUM	243 911	German Literature in English Translation (A) Great Books of Western Culture, Ancient (A)
	HOM	411	Great books of Western Guiture, Ancient (A)

	HUM	212	Great Books of Western Culture, Medieval and Early	
	11113.4	019	Modern (A)	4
	HUM	$\frac{213}{295}$	Great Books of Western Culture, Modern (A)	4
	HUM		The Cultural Traditions of Sub-Saharan Africa (A)	4
	HUM	297	The Cultural Traditions of India (A)	4
	ÍTL	34 I	Italian Literary Masterpieces in English Translation (A)	3
	LIN	280	Introduction to Sociolinguistics (A)	4
	PHL	390	Philosophy in Literature (A)	ŝ
	ROM	241	Masterpieces of the Romance and Classical	0
	100.00		Literatures in English Translation (A)	4
	ROM	949	Masterpieces of the Romance Literatures in English	
	10.01	212	Translation (A)	4
	ROM	943	Masterpieces of the Romance Literatures in English	7
	NOM	440	Translation (A)	4
			Translation (A)	- 1
B-4	Emph	asis in	Philosophy and Religion	
	HUM		The Cultural Traditions of the Islamic World (A)	4
	HUM	298	The Cultural Traditions of China (A)	4
	PHL	101	Introduction to Philosophy: Ethics and Value (A)	3
	PHL	102	Introduction to Philosophy: Knowledge and	
			Reality (A)	3
	PHL	120	Classics of Philosophical Literature (A)	
	PHL	211	Ancient Philosophy (A)	3
	PHL	212	Medieval and Early Modern Philosophy (A)	3
	PHL	213	Modern Philosophy (A)	- ă
	REL	150	Exploring Religion (A).	3
	REL	151	Western Religions (A)	3
	BEL.	152	Eastern Religions (A)	ž
	REL	220	Old Testament (A)	4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	REL	221	Old Testament (A)	3
	REL	222	New Testament (A)	ă
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GROUPINGS OF GENERAL EDUCATION COURSES IN THE BIOLOGICAL, PHYSICAL, AND MATHEMATICAL SCIENCES¹

Students complete a minimum of three courses; at least one course must be from each of the two major emphases and at least one course must include a laboratory experience.

Only one of the following courses may be counted toward the General Education requirement: N S 122, N S 125, N S 162. Students may not receive credit in more than one of the following courses: AST 119, AST 217, AST 229,¹ N S 135, N S 155, N S 1834.

1.		Emphasis on The Philosophy and Methods of Science IA Biological Science content			
	1/1	N S		The Nature and Continuity of Life (N) (Lab)	4
		NS		Natural Science (N) $(Lab)^2$	4
	1B			nd Historical content	
		N S	122	Human Biosocial Evolution (N) (Lab)	4
		N S	125	Time and Change in Nature (N) (Lab)	4
		N S	1824	Natural Science (N) (Lab) ²	4
	1C	Physic	al Scie	nce content	
	•••	AST	119	General Astronomy (N)	4
		AST	217	General Astronomy (N)	4
		N S	135	Changing Concepts of the Universe (N) (Lab)	. 4
		NS	1834		4
		PHY	201	The Science of Sound I: Rock, Bach and	
				Oscillators (N)	4
		PHY	203	Science of Light and Color (N)	4
_	_				
2.				mce and Society	
	2 A			nan Biology	
		FSC	101		3
		HNF	102		3
		NS	129	Biotechnology and Human Values (N)	4
		NS		Our Biological Nature (N) ³	4
		N S	209	Humans and Disease (N)	4
	2B	Issues :	in Env	ironmental Science	
		BOT	201	Plants, People and the Environment (N)	3
		ENT	201	Insects and Society (N)	4
		ENT	250	Pests, Environmental Quality and Ecosystem	
				Management (N)	3
		GLC	200	Geology of Human Environment (N)	4
		NS	142	Life, Its Environment (N) (Lab)	4
		N S	172H	Our Place in Nature (N) ³	4
		N S	242	Wilderness Environmental Field Studies (N)	4
		PHY	256	Energy Consumption and Environmental	
				Quality (N)	4

2C	Science and Human Values					
	N S	152	Science and Culture in the 20th Century (N)			
	N S	155	Cosmology, Humanity's Place in the Universe (N)			
			(Lab)			
	N S	162	Race, The Evolution of an Idea (N) (Lab)			
	N S		Science-Technology and Human Values (N) ³			
	PHY	205	Bohr and Einstein: The Concept of Nature in Our			
			Day (N)			

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- ¹ AST 229 is not approved for General Education designation; therefore, this course may not be counted toward the General Education requirement.
 ² N S 1814, N S 1824, and N S 1834 are designed for students who are enrolled in the Remedial-Developmental Writing Program. The General Education requirement in the Biological, Physical, and Mathematical Sciences may be met by completing NS 1814, NS 1824, and NS 1834.
 ³ N S 171H, N S 172H, and N S 173H are designed for honors students. The General Education requirement in the Biological, Physical, and Mathematical Sciences may be met by completing NS 171H, NS 172H, and NS 173H.

GROUPINGS OF GENERAL EDUCATION COURSES IN THE SOCIAL AND BEHAVIORAL SCIENCES

Students complete either Option A or Option B

			1 1 1			
Op	tion		Students take all three courses in o ollowing series/sequences.	ne	of	the
A-1	S S S S S S	201 202 203	Americans and Their Values (S) Power in America (S) America and World Problems (S)			4 4 4
A-2	S	211 212 213	Becoming Human: The Social Scientific Perspective (S)			4 4 4
A-3	S S S S S S	221 222 223	The Individual and Metropolitan Society (S) Economics, Politics and the Individual in the Metropolis (S). World Urbanization: Cultures and Common Issues (S).			4
A -4	S S S S S S	241 242 243	Cultures in Crisis (S) Freedom and Justice (S) War and Morality (S)	 <i></i>		4 4 4
A-6	S S S S S S	251 252 253	Human Perspectives on Urbanization (S) Historical Roots of Racism and Ethnocentrism (S) Minorities in American Cities (S)			4 4 4

A- 7	SOC SOC SOC	150 160 170	The Individual in Modern Society (S) Structural Problems of American Society (S) International Problems of Change and	4 4
			Development (S)	4

Option B Students take one course in each of the following emphases.

- B-1 Emphasis on the Individual and Society
- B-2 Emphasis on Social Institutions and Processes
- Emphasis on Global B-3 Interdependence and Conflict

			interdependence and Conflict	
B-1	Emph ANP PLS PLS	asis on 171 251 253	the Individual and Society Introduction to Sociocultural Anthropology (5) Human Values and Politics: On Liberty (5) Human Values and Politics: Authority and the Individual (6)	4 4 4
	S S S S	201 211	Individual (S)	4 4 4
	S S S S S S SOC	221 241 251 150	The Individual and Metropolitan Society (S) Cutures in Crisis (S) Human Perspectives on Urbanization (S) The Individual in Modern Society (S)	4 4 4 4
B-2	Emphasis on Social Institutions and Processes			
	ANP GEO	264 100	Culture, Environment and Adaptation (S) Great Discoveries in Archaeology (S) People, Location and Environment (S)	4 4 4
	5 S 5 S	202 212	Power in America (S) Coping with Changing Institutions in Modern	4
	S S S S	213 222	Society (S) Casualties of Contemporary Society (S) Economics, Politics and the Individual in the	4
	S S S S S S SOC	242 252 253 160	Metropolis (S) Freedom and Justice (S) Historical Roots of Racism and Ethnocentrism (S) Minorities in American Cities (S) Structural Problems of American Society (S)	4 4 4 4
B-3	Emph GEO S S S S S S	asis on 204 203 223	Clobal Interdependence and Conflict World Regional Geography (S) America and World Problems (S) World Urbanization: Cultures and Common	4 4
	S S SOC	243 170	Issues (S) War and Morality (S) International Problems of Change and	4 4
	UP	231	Development (S) Evolution of Urban Communities (S)	4 4