

DESCRIPTIONS of COURSES 1985

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 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 graduate-professional 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 grade-point 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.

COURSE LISTINGS

	1	2	3	4
(A) →	401.	<i>Comparative Physiology I</i>		
		(412.) Fall. 4(3-4) 240 or B S 212 and		
(B) →	CEM 132.	<i>Interdepartmental with the Department of Zoology.</i>		
(C) →		A comparison of osmoregulation, digestion, respiration, and other physiological processes in a wide range of organisms.		

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

3 — Type III

4 — Type IV

5 — Type V

Remedial-Develop-
mental-Preparatory
Courses.

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:

(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.

(B) The material in italics which includes:

1 The former course number in parentheses if the course number has been changed within the past 5 years.

2 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.

3 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.

© 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
A E	Agricultural Engineering
A L	Arts and Letters
A S	Aerospace Studies
ACC	Accounting
ADV	Advertising
AEC	Agricultural Economics
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
ASC	Audiology and Speech Sciences
AST	Astronomy and Astrophysics—See Physics and Astronomy
ATL	American Thought and Language
B S	Biological Science
BCH	Biochemistry
BCM	Building Construction Management—See Agricultural Engineering
BIM	Biomechanics
BME	Biomedical Engineering
BOT	Botany and Plant Pathology
BPY	Biophysics
C E	Civil Engineering
C J	Criminal Justice
CAS	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, Asian and African Languages
CLA	Classical Studies—See Romance and Classical Languages
CMS	Community Health Science
COM	Communication
CPS	Computer Science
CSS	Crop and Soil Sciences
DRY	Dairy Science—See Animal Science
E E	Electrical Engineering
E S	Earth Science—See Geological Sciences
EAD	Educational Administration
EC	Economics
EGR	Engineering
ENG	English
ENT	Entomology
F I	Finance and Insurance
F M	Family Medicine
F W	Fisheries and Wildlife
FCE	Family and Child Ecology
FMP	Family Practice
FOR	Forestry
FRN	French—See Romance and Classical Languages
FSC	Food Science
FSM	Food Systems Economics and Management—See Agricultural Economics
G R	German and Russian—See Linguistics, Germanic, Slavic, Asian and African Languages
GBL	General Business and Business Law

ALPHA CODE

ALPHA CODE	NAME
GEN	Genetics
GEO	Geography
GLG	Geology—See Geological Sciences
GRK	Greek—See Romance and Classical Languages
GRM	German—See Linguistics, Germanic, Slavic, Asian and African Languages
H A	History of Art—See Art
H M	Human Medicine (College of)
HEB	Hebrew—See Linguistics and Germanic, Slavic, Asian and African Languages
HEC	Human Ecology (College of)
HED	Human Environment and Design
HNF	Human Nutrition and Foods—See Food Science and Human Nutrition
HPE	Health and Physical Education
HRI	Hotel, Restaurant and Institutional Management
HRT	Horticulture
HST	History
HUM	Humanities
I M	Internal Medicine
I S	Improvement Service
IDC	Interdisciplinary Courses
ITL	Italian—See Romance and Classical Languages
JAP	Japanese—See Linguistics and Germanic, Slavic, Asian and African Languages
JRN	Journalism
L A	Landscape Architecture—See Urban Planning and Landscape Architecture
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
LTN	Latin—See Romance and Classical Languages
M C	James Madison College
M E	Mechanical Engineering
M S	Military Science
M T	Medical Technology
MED	Medicine
MGT	Management
MMM	Metallurgy, Mechanics, and Materials Science
MPH	Microbiology and Public Health
MTA	Marketing and Transportation Administration
MTH	Mathematics
MUS	Music
N E	Nursing (College of)
N S	Natural Science
NSC	Natural Science (College of)
O M	Osteopathic Medicine
OGR	Obstetrics, Gynecology, and Reproductive Biology
OST	Osteopathic Medicine (College of)
P S	Poultry Science—See Animal Science
PAM	Public Affairs Management—See Agricultural Economics
PED	Pediatrics
PHD	Pediatrics and Human Development
PHL	Philosophy
PHM	Pharmacology and Toxicology
PHS	Physical Science
PHY	Physics
PKG	Packaging
PLS	Political Science
PRR	Park and Recreation Resources
PRT	Portuguese—See Romance and Classical Languages
PSC	Psychiatry
PSL	Physiology
PSY	Psychology
PTH	Pathology
R D	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
S E	Sanitary Engineering—See Civil and Sanitary Engineering
S S	Social Science
S W	Social Work
SCS	Small Animal Clinical Sciences
SOC	Sociology
SPN	Spanish—See Romance and Classical Languages
SSC	Social Science (College of)
STA	Studio Art—See Art
STT	Statistics and Probability
SUR	Surgery
SYS	Systems Science—See Electrical Engineering and Systems Science
T E	Teacher Education
TC	Telecommunication
THR	Theatre
U P	Urban Planning—See Urban Planning and Landscape Architecture
V M	Veterinary Medicine (College of)
ZOL	Zoology

GROUPINGS OF COURSES APPROVED FOR GENERAL EDUCATION CREDIT¹

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.

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.

The current policy on substitutions shall remain in effect until such time as section 3. of the 1980 General Education Policy is implemented. At the present time, a college, or a department with the approval of the college, may permit or require its majors and major preference students to substitute certain alternative courses for those approved for General Education credit in the area which is closest to the student's major.

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-1	A L 311	Great Cities, Arts and Ideas: The Western Classical Age (A)	4
	A L 312	Great Cities, Arts and Ideas: The Renaissance (A)	4
	A L 313	Great Cities, Arts and Ideas: The Modern World (A)	4
A-2	GRM 241	German Literature in English Translation (A)	3
	GRM 242	German Literature in English Translation (A)	3
	GRM 243	German Literature in English Translation (A)	3
A-3	H A 206	History of Western Art: The Ancient World (A)	4
	H A 207	History of Western Art: The Middle Ages and the Renaissance (A)	4
	H A 208	History of Western Art: The Baroque to the Present (A)	4
A-4	HST 111	The Roots of European History (A)	4
	HST 112	Maturing of European Civilization (A)	4
	HST 113	Europe in the Modern Age (A)	4
A-5	HUM 201	Humanities in the Western World: Ancient (A)	4
	HUM 202	Humanities in the Western World: Medieval and Early Modern (A)	4
	HUM 203	Humanities in the Western World: Modern (A)	4
A-6	HUM 211	Great Books of Western Culture, Ancient (A)	4
	HUM 212	Great Books of Western Culture, Medieval and Early Modern (A)	4
	HUM 213	Great Books of Western Culture, Modern (A)	4
A-7	HUM 221	The Visual Arts and Western Culture, Ancient (A)	4
	HUM 222	The Visual Arts and Western Culture, Medieval and Early Modern (A)	4
	HUM 223	The Visual Arts and Western Culture, Modern (A)	4
A-8	HUM 261	Music and Western Culture, Ancient (A)	4
	HUM 262	Music and Western Culture, Medieval and Early Modern (A)	4
	HUM 263	Music and Western Culture, Modern (A)	4
A-9	HUM 281H	Honors Course: Ancient World (A)	4
	HUM 282H	Honors Course: Medieval and Early Modern Periods (A)	4
	HUM 283H	Honors Course: Modern World (A)	4
A-10	PHL 211	Ancient Philosophy (A)	3
	PHL 212	Medieval and Early Modern Philosophy (A)	3
	PHL 213	Modern Philosophy (A)	3
A-11	REL 150	Exploring Religion (A)	3
	REL 151	Western Religions (A)	3
	REL 152	Eastern Religions (A)	3
A-12	REL 220	Old Testament (A)	3
	REL 221	Old Testament (A)	3
	REL 222	New Testament (A)	3
A-13	REL 370	Religion in American Culture (A)	3
	REL 371	Religion in American Culture (A)	3
	REL 372	American Civil Religion (A)	3
A-14	ROM 241	Masterpieces of the Romance and Classical Literatures in English Translation (A)	4
	ROM 242	Masterpieces of the Romance Literatures in English Translation (A)	4
	ROM 243	Masterpieces of the Romance Literatures in English Translation (A)	4

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 Emphasis in Fine Arts			
A L 311	Great Cities, Arts and Ideas: The Western Classical Age (A)		4
A L 312	Great Cities, Arts and Ideas: The Renaissance (A)		4
A L 313	Great Cities, Arts and Ideas: The Modern World (A)		4
H A 205	Purposes of Art (A)		3
H A 206	History of Western Art: The Ancient World (A)		4
H A 207	History of Western Art: The Middle Ages and the Renaissance (A)		4
H A 208	History of Western Art: The Baroque to the Present (A)		4
HUM 221	The Visual Arts and Western Culture, Ancient (A)		4
HUM 222	The Visual Arts and Western Culture, Medieval and Early Modern (A)		4

HUM 223	The Visual Arts and Western Culture, Modern (A) . . .	4
HUM 261	Music and Western Culture, Ancient (A)	4
HUM 262	Music and Western Culture, Medieval and Early Modern (A)	4
HUM 263	Music and Western Culture, Modern (A)	4
MUS 211	Introduction to Music Literature I (A)	4
MUS 212	Introduction to Music Literature II (A)	4
MUS 213	Introduction to Music Literature III (A)	4
STA 101	How to Look at Art (A)	4
B-2 Emphasis in History		
HST 101	The African Experience (A)	4
HST 102	The Latin American Experience (A)	4
HST 103	The East Asian Experience in the Modern World (A)	4
HST 111	The Roots of European History (A)	4
HST 112	Maturing of European Civilization (A)	4
HST 113	Europe in the Modern Age (A)	4
HST 121	Union to Disunion: America, The First Hundred Years (A)	4
HST 122	History of the United States: The Nation State (A)	4
HUM 201	Humanities in the Western World: Ancient (A)	4
HUM 202	Humanities in the Western World: Medieval and Early Modern (A)	4
HUM 203	Humanities in the Western World: Modern (A)	4
HUM 204	Humanities in the Contemporary World (A)	4
HUM 281H	Honors Course: Ancient World (A)	4
HUM 282H	Honors Course: Medieval and Early Modern Periods (A)	4
HUM 283H	Honors Course: Modern World (A)	4
HUM 296	The Cultural Traditions of Japan (A)	4
REL 370	Religion in American Culture (A)	3
REL 371	Religion in American Culture (A)	3
REL 372	American Civil Religion (A)	3
B-3 Emphasis in Language and Literature		
A L 345	Jewish Humanities in the Twentieth Century (A)	4
ENG 241	Introduction to Popular Culture (A)	3
ENG 344	Jewish-American Literature (A)	3
FRN 341	French Literary Masterpieces in English Translation (A)	3
GRM 241	German Literature in English Translation (A)	3
GRM 242	German Literature in English Translation (A)	3
GRM 243	German Literature in English Translation (A)	3
HUM 211	Great Books of Western Culture, Ancient (A)	4
HUM 212	Great Books of Western Culture, Medieval and Early Modern (A)	4
HUM 213	Great Books of Western Culture, Modern (A)	4
HUM 295	Cultural Traditions of Sub-Saharan Africa (A)	4
HUM 297	Cultural Traditions of India (A)	4
ITL 341	Italian Literary Masterpieces in English Translation (A)	4
LIN 280	Introduction to Sociolinguistics (A)	4
PHL 390	Philosophy in Literature (A)	3
ROM 241	Masterpieces of the Romance and Classical Literature in English Translation (A)	4
ROM 242	Masterpieces of the Romance Literatures in English Translation (A)	4
ROM 243	Masterpieces of the Romance Literatures in English Translation (A)	4
B-4 Emphasis in Philosophy and Religion		
HUM 294	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)	4
PHL 211	Ancient Philosophy (A)	3
PHL 212	Medieval and Early Modern Philosophy (A)	3
PHL 213	Modern Philosophy (A)	3
REL 150	Exploring Religion (A)	3
REL 151	Western Religions (A)	3
REL 152	Eastern Religions (A)	3
REL 220	Old Testament (A)	3
REL 221	Old Testament (A)	3
REL 222	New Testament (A)	3

GROUPINGS OF GENERAL EDUCATION COURSES IN THE BIOLOGICAL, PHYSICAL, AND MATHEMATICAL SCIENCES ¹

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* course from each of the following groups may be counted toward the General Education requirement: N S 122, N S 125, N S 162; AST 119, AST 217, N S 135.

1. Emphasis on The Philosophy and Methods of Science

1A Biological Science content		
N S 115	The Nature and Continuity of Life (N) (Lab)	4
N S 1814	Natural Science (N) (Lab) ¹	4
1B Geological and 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) ¹	4

1C Physical Science content		
AST 119	General Astronomy (N)	4
AST 217	General Astronomy (N)	4
N S 135	Changing Concepts of the Universe (N) (Lab)	4
N S 1834	Natural Science (N) (Lab) §b1b11	4
PHY 201	The Science of Sound I: Rock, Bach and Oscillators (N)	4
2. Emphasis on Science and Society		
2A Issues in Human Biology		
FSC 101	Food and Society (N)	3
HNF 102	Nutrition for Humans (N)	3
N S 129	Biotechnology and Human Values (N)	4
N S 171H	Our Biological Nature (N) ²	4
N S 209	Humans and Disease (N)	4
2B Issues in Environmental Science		
BOT 201	Plants, People and the Environment (N)	3
ENT 201	Insects and Society (N)	4
ENT 250	Pesticides, Their Alternatives and Environmental Quality (N)	3
GLG 200	Geology of Human Environment (N)	3
N S 142	Life, Its Environment (N) (Lab)	4
N S 172H	Our Place in Nature (N) ²	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)	4
N S 155	Cosmology, Humanity's Place in the Universe (N)	4
N S 162	Race: The Evolution of an Idea (N) (Lab)	4
N S 173H	Science-Technology and Human Values (N) ²	4
PHY 301	Bohr and Einstein: The Concept of Nature in Our Day (N)	3

¹ 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 N S 1814, N S 1824, and N S 1834.

² 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 N S 171H, N S 172H, and N S 173H.

GROUPINGS OF GENERAL EDUCATION COURSES IN THE SOCIAL AND BEHAVIORAL SCIENCES

Students complete either Option A or Option B

Option A Students take all three courses in one of the following series/sequences.

A-1	SS 201	Americans and Their Values (S)	4
	SS 202	Power in America (S)	4
	SS 203	America and World Problems (S)	4
A-2	SS 211	Becoming Human: The Social Scientific Perspective (S)	4
	SS 212	Coping with Changing Institutions in Modern Society (S)	4
	SS 213	Casualties of Contemporary Society (S)	4
A-3	SS 221	The Individual and Metropolitan Society (S)	4
	SS 222	Economics, Politics and the Individual in the Metropolis (S)	4
	SS 223	World Urbanization: Cultures and Common Issues (S)	4
A-4	SS 241	Cultures in Crisis (S)	4
	SS 242	Freedom and Justice (S)	4
	SS 243	War and Morality (S)	4
A-5	PLS 251	Human Values and Politics: On Liberty (S)	4
	PLS 252	Human Values and Politics: Equality and Justice (S)	4
	PLS 253	Human Values and Politics: Authority and the Individual (S)	4
A-6	SS 251	Human Perspectives on Urbanization (S)	4
	SS 252	Historical Roots of Racism and Ethnocentrism (S)	4
	SS 253	Minorities in American Cities (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
- B-3 Emphasis on Global Interdependence and Conflict

B-1 Emphasis on the Individual and Society		
ANP 171	Introduction to Sociocultural Anthropology (S)	4
PLS 251	Human Values and Politics: On Liberty (S)	4
PLS 253	Human Values and Politics: Authority and the Individual (S)	4
SS 201	Americans and Their Values (S)	4
SS 211	Becoming Human: The Social Scientific Perspective (S)	4

SS	221	The Individual and Metropolitan Society (S)	4	SS	242	Freedom and Justice (S)	4
SS	241	Cultures in Crisis (S)	4	SS	252	Historical Roots of Racism and Ethnocentrism (S)	4
SS	251	Human Perspectives on Urbanization (S)	4	SS	253	Minorities in American Cities (S)	4
SOC	150	The Individual in Modern Society (S)	4	SOC	160	Structural Problems of American Society (S)	4
B-2	<i>Emphasis on Social Institutions and Processes</i>			B-3	<i>Emphasis on Global Interdependence and Conflict</i>		
ANP	250	Culture, Environment and Adaptation (S)	4	GEO	170	Future Worlds (S)	3
GEO	100	People, Location and Environment (S)	4	GEO	204	World Regional Geography (S)	4
PLS	252	Human Values and Politics: Equality and Justice (S) ..	4	SS	203	American and World Problems (S)	4
SS	202	Power in America (S)	4	SS	223	World Urbanization: Cultures and Common Issues (S)	4
SS	212	Coping with Changing Institutions in Modern Society (S)	4	SS	243	War and Morality (S)	4
SS	213	Casualties of Contemporary Society (S)	4	U P	231	Evolution of Urban Communities (S)	4
SS	222	Economics, Politics and the Individual in the Metropolis (S)	4				