

# DESCRIPTIONS of COURSES 1990-91

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 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.

## 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

	1	2	3	4
(A)	→	401.	<i>Comparative Physiology I</i> (412.) Fall. 4(3-4) PSL 240 or B S 212;	
(B)	→	CEM 131 or CEM 141.	Interdepartmental with the Department of Zoology.	
(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.

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

**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.

**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
A E	Agricultural Engineering
A L	Arts and Letters (College of)
A S	Aerospace Studies
ACC	Accounting
ADV	Advertising
AEC	Agricultural Economics
AEE	Agricultural and Extension Education
AFR	African Languages—See Linguistics and Germanic, Slavic, Asian and African Languages

ALPHA CODE	NAME
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
ATM	Agricultural Technology and Systems Management—See Agricultural Engineering
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
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
E E	Electrical Engineering
E S	Earth Science—See Geological Sciences
EAD	Educational Administration
EC	Economics
EGR	Engineering
ENE	Environmental Engineering—See Civil and Environmental Engineering
ENG	English
ENT	Entomology
F E	Food Engineering—See Agricultural Engineering
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
GEN	Genetics
GEO	Geography
GLC	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)
HCP	Health Education, Counseling Psychology and Human Performance
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
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
JPN	Japanese—See Linguistics and Germanic, Slavic, Asian and African Languages
JRN	Journalism
L A	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	James Madison College

ALPHA CODE	NAME
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)
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—See Physics and Astronomy
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 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
T E	Teacher Education
TC	Telecommunication
THR	Theatre
U P	Urban Planning—See Geography
V M	Veterinary Medicine (College of)
W S	Women's Studies
ZOL	Zoology

## GROUPINGS OF COURSES APPROVED FOR GENERAL EDUCATION CREDIT<sup>1</sup>

Each student must earn a minimum of 45 credits in courses approved for general education or in approved substitutes.

Nine of the required 45 credits in general education must be earned by completing appropriate courses in the area of written communication in the Department of American Thought and Language or an approved substitute.

For the remaining 36 credits each student must earn no fewer than 9 and no more than 16 credits, including any approved substitute, in each of the three areas: arts and humanities; biological, physical, and mathematical sciences; and social and behavioral sciences. All such credits, except those in an approved substitute, must be earned in courses approved for General Education and arranged within either Option A or Option B for each area. If the student's General Education credits do not total 36 after completing the minimum prescribed credits in each of these three areas, the student may complete the 36 credit requirement by electing a 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.

<sup>1</sup> 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.

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 earlier 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-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

ALPHA CODE	NAME		
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: Medieval World (A) ..	4
	HUM 282H	Honors Course: Medieval and Early Modern Periods (A) ..	4
	HUM 283H	Honors Course: Modern World (A) ..	4
A-10	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
A-11	PHL 211	Ancient Philosophy (A) ..	3
	PHL 212	Medieval and Early Modern Philosophy (A) ..	3
	PHL 213	Modern Philosophy (A) ..	3
A-12	REL 150	Exploring Religion (A) ..	3
	REL 151	Western Religions (A) ..	3
	REL 152	Eastern Religions (A) ..	3
A-13	REL 220	Old Testament (A) ..	3
	REL 221	Old Testament (A) ..	3
	REL 222	New Testament (A) ..	3
A-14	REL 370	Religion in American Culture (A) ..	3
	REL 371	Religion in American Culture (A) ..	3
	REL 372	American Civil Religion (A) ..	3
A-15	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	<i>Emphasis in Fine Arts</i>		
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	<i>Emphasis in History</i>		
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	The 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	<i>Emphasis in Language and Literature</i>		
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) ..	4
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	The Cultural Traditions of Sub-Saharan Africa (A) ..	4
HUM	297	The Cultural Traditions of India (A) ..	4
ITL	341	Italian Literary Masterpieces in English Translation (A) ..	3
LIN	280	Introduction to Sociolinguistics (A) ..	4
PHL	390	Philosophy in Literature (A) ..	3
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
B-4	<i>Emphasis in Philosophy and Religion</i>		
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<sup>1</sup>

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,<sup>1</sup> N S 135, N S 155, N S 1834. Students may not receive credit for both N S 115 and N S 1814. Students may not receive credit for both N S 125 and N S 1824.

### 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) <sup>2</sup> ..	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) <sup>2</sup> ..	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) <sup>2</sup> ..	4
PHY	201	The Science of Sound I: Rock, Bach and Oscillators (N) ..	4
PHY	203	Science of Light and Color (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) <sup>3</sup> ..	4
N S	209	Humans and Disease (N) ..	4
ZOL	301	Nature and Homo Sapiens (N) ..	4
2B	Issues in Environmental Science		
BOT	201	Plants, People and the Environment (N) ..	3
BOT	202	Plant Diseases, Famine and Society (N) ..	4
ENT	201	Insects and Society (N) ..	4
ENT	250	Pests, Environmental Quality and Ecosystem Management (N) ..	3

GLC	200	Geology of Human Environment (N) (Lab).....	4
NS	142	Life, Its Environment (N) (Lab).....	4
NS	172H	Our Place in Nature (N) <sup>2</sup> .....	4
NS	242	Wilderness Environmental Field Studies (N).....	4
PHY	256	Energy Consumption and Environmental Quality (N).....	4
<b>2C Science and Human Values</b>			
NS	152	Science and Culture in the 20th Century (N).....	4
NS	155	Cosmology, Humanity's Place in the Universe (N) (Lab).....	4
NS	162	Race, The Evolution of an Idea (N) (Lab).....	4
NS	173H	Science-Technology and Human Values (N) <sup>3</sup> .....	4
PHY	205	Bohr and Einstein: The Concept of Nature in Our Day (N).....	4

<sup>1</sup> AST 229 is not approved for General Education designation; therefore, this course may not be counted toward the General Education requirement.

<sup>2</sup> NS 1814, NS 1824, and NS 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.

<sup>3</sup> NS 171H, NS 172H, and NS 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

**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-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

A-7	SOC	150	The Individual in Modern Society (S).....	4
	SOC	160	Structural Problems of American Society (S).....	4
	SOC	170	International Problems of Change and 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
- B-3 Emphasis on Global Interdependence and Conflict

B-1	<i>Emphasis on the Individual and Society</i>			
	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	241	Cultures in Crisis (S).....	4
	SS	251	Human Perspectives on Urbanization (S).....	4
	SOC	150	The Individual in Modern Society (S).....	4
B-2	<i>Emphasis on Social Institutions and Processes</i>			
	ANP	250	Culture, Environment and Adaptation (S).....	4
	ANP	264	Great Discoveries in Archaeology (S).....	4
	GEO	100	People, Location and Environment (S).....	4
	SS	202	Power in America (S).....	4
	SS	212	Coping with Changing Institutions in Modern Society (S).....	4
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