

262. Humanities: Music and Western Culture
(242E.) Winter. 4(4-0) Sophomores;
262 preferred; or 201, 211, 221, 231, or 281H.
Interrelationships of music with other aspects of
medieval and early modern Western culture.

263. Humanities: Music and Western Culture
(243E.) Spring. 4(4-0) Sophomores;
262 preferred; or 202, 212, 222, 232, or 282H.
Interrelationships of music with other aspects of
modern Western culture since 1700.

281H. Humanities: Honors Course
(241H.) Fall. 4(4-0) Sophomores;
approval of department.
Western culture through its origins in the civi-
lizations of Greece and Rome and in the Judeo-
Christian tradition. Uses history and art texts,
selected paperbacks, and other examples from
the fields of history, literature, philosophy, re-
ligion, and art.

282H. Humanities: Honors Course
(242H.) Winter. 4(4-0) Sophomores;
approval of department.
Deals with the medieval and early modern
stages of Western civilization.

283H. Humanities: Honors Course
(243H.) Spring. 4(4-0) Sophomores;
approval of department.
Deals with modern Western culture since 1700.

291. The Cultural Traditions of China
(250A.) Fall, Winter, Spring. 4(4-0)
An interdisciplinary study of major artistic,
literary, musical, philosophical, and religious
aspects of the culture of China in historical
context.

292. The Cultural Traditions of India
(250B.) Fall, Winter, Spring. 4(4-0)
An interdisciplinary study of major artistic,
literary, philosophical, and religious aspects of
the culture of India in historical context.

293. The Cultural Traditions of Japan
(250C.) Fall, Winter, Spring. 4(4-0)
An interdisciplinary study of major artistic,
literary, and religious aspects of the culture
of Japan in historical context.

294. The Cultural Traditions of the Islamic World
(250D.) Fall, Winter, Spring. 4(4-0)
An interdisciplinary study of major artistic,
literary, philosophical, and religious aspects of
the culture of the Islamic world in historical
context.

295. The Cultural Traditions of Sub-Saharan Africa
(251.) Fall, Winter, Spring. 4(4-0)
An interdisciplinary study of major artistic,
literary, musical, philosophical, and religious
aspects of the culture of Sub-Saharan Africa
in historical context.

300. Supervised Individual Study
Fall, Winter, Spring. 2 to 4 credits.
Eight credits above the 100 level in the Hu-
manities Department; approval of department.
Selected students requesting individual study of
interdisciplinary problems will work under su-
pervision of University College professors. Vari-
able elective credit will be determined when
the student secures instructor, adviser, and de-
partment approval.

311. Great Cities, Arts, and Ideas: The Western Classical Age
Fall. 4(4-0) Juniors.
The humanities in an urban culture during the
Western classical age. Major ideas and works
of art and literature, their significance in the
city's life, and their continuing influence. Cities
will be Athens or Rome.

312. Great Cities, Arts, and Ideas: The Renaissance
Winter. 4(4-0) Juniors.
The humanities in an urban culture during the
Renaissance. Major ideas and works of art and
literature, their significance in the city's life,
and their continuing influence. Cities will be
Florence, Rome, or Paris.

313. Great Cities, Arts, and Ideas: The Enlightenment
Spring. 4(4-0) Juniors.
The humanities in an urban culture during the
century of the French Revolution. Major ideas,
works of art and literature, their significance
in the city's life and their continuing influence.
Cities will be Paris or London.

341. The Humanities in the Contemporary World
Fall, Winter, Spring. 4(4-0) Juniors.
Previous studies in the humanities are recom-
mended.

Interdisciplinary study of the literature, philo-
sophy, religion, architecture, painting, sculpture,
music, film, and other performing arts of the
era since 1945 as they reflect and influence
the character of contemporary civilization.

HUMAN MEDICINE H M (COLLEGE OF)

499. Seminar in Medicine and Society
Fall, Winter, Spring. 2(3-0) Must
re-enroll for a maximum of 6 credits. Human
Medicine students.

Medicine in its wider social and cultural context.
Health viewed as an expression of the person's
total functioning—sociocultural, psychological,
and biological—with illness regarded as the
result of a dysfunction in any one of these
areas.

503. Human Biology and Behavior
Spring. Variable credit. May re-enroll
for a maximum of 9 credits.
Continuation of 502 focusing upon the period
of childhood.

506. Doctor-Patient Relationship
Fall. 2(2-0)
Identification of specified elements of communi-
cation and interview responses through the uti-
lization of videotaped interviews. Focus on
teaching self-observation, exploration of human
interaction.

508. Immediate Care
Fall. 2(2-0) First year Human Med-
icine student.
Methods of administering immediate life saving
and supportive measures in case of accident or
medical emergency. Emphasis placed on cardio-
pulmonary resuscitation, fractures, unconscious-
ness, wounds, environmental injury and emer-
gency child birth.

510. Focal Problems
(507.) Fall. 1 to 10 credits.
Small group discussions concerned with instruc-
tion in the processes of medical problem solving
and the integrated learning of basic and clinical
medical science concepts around common prob-
lems seen in medical practice.

511. Focal Problems
Winter. 1 to 10 credits. 510 or ap-
proval of department.
Continuation of 510.

512. Focal Problems
Spring. 1 to 10 credits. 511 or ap-
proval of department.
Continuation of 511.

513. Focal Problems
Fall. 1 to 10 credits. 512 or ap-
proval of department.
Continuation of 512.

514. Focal Problems
Winter. 1 to 10 credits. 513 or ap-
proval of department.
Continuation of 513.

515. Focal Problems
Spring. 1 to 10 credits. 514 or ap-
proval of department.
Continuation of 514.

520. Clinical Science
(509.) Winter. 1 to 8 credits.
The basic clinical skills of interviewing, phys-
ical examination and problem solving are
taught in small group seminars utilizing models,
patients and self-instructional materials.

521. Clinical Science
Spring. 1 to 8 credits. 520 or ap-
proval of department.
Continuation of 520.

522. Clinical Science
Fall. 1 to 8 credits. 521 or ap-
proval of department.
Continuation of 521.

523. Clinical Science
Winter. 1 to 8 credits. 522 or ap-
proval of department.
Continuation of 522.

524. Clinical Science
Spring. 1 to 8 credits. 523 or ap-
proval of department.
Continuation of 523.

530. Human Biology and Behavior
Winter. 1 to 8 credits.
A multidisciplinary course integrating the
physiological and psycho-social aspects of each
stage of human development, from conception
to death, with significant clinical problems of
that stage.

531. Human Biology and Behavior
Spring. 1 to 8 credits. 530 or ap-
proval of department.
Continuation of 530.

**Descriptions — Human Medicine
of
Courses**

532. Human Biology and Behavior
Fall. 1 to 8 credits. 531 or approval
of department.
Continuation of 531.

533. Human Biology and Behavior
Winter. 1 to 8 credits. 532 or ap-
proval of department.
Continuation of 532.

534. Human Biology and Behavior
Spring. 1 to 8 credits. 533 or ap-
proval of department.
Continuation of 533.

**590. Special Problems in Human
Medicine**
Fall, Winter, Spring, Summer. 1 to 6
credits. May re-enroll for a maximum of 12
credits. Human Medicine students.

Each student will work under direction of a
faculty member of the college on an experi-
mental, theoretical or applied problem. A stu-
dent should employ this college level course,
as distinguished from the departmental level
special problems course, when his topic of in-
terest seems to require a broad multidisciplinary
approach.

602. Fundamentals of Patient Care
Fall, Winter, Spring, Summer. 15
credits. Approval of department.

Introductory clinical experiences using selected
patients with a broad spectrum of medical,
surgical, pediatric, and psychiatric problems.
History taking, physical examination and prob-
lem formulation are taught as a basis for rati-
onal and effective patient care.

603. Human Biology and Behavior
Spring. Variable credit. May re-enroll
for a maximum of 15 credits. 602.
Continuation of 602.

608. Sub-Specialty Clerkships
Fall, Winter, Spring, Summer. 1 to
17 credits. May re-enroll for a maximum of
41 credits. 602.

Hospital and office based clinical experiences in
sub-specialties in medicine and surgery.

609. Radiology Clerkship
Fall, Winter, Spring, Summer. 1 to
17 credits. May re-enroll for a maximum of
34 credits. 602.

Office and hospital based experience to acquaint
the student with basic radiological information
and develop X-ray interpretation skills.

610. Family Practice Clerkship
Fall, Winter, Spring, Summer. 1 to
17 credits. May re-enroll for a maximum of
43 credits. 602.

A clerkship in a model family practice unit
with graded responsibility and supervision in
the care of families and their medical problems
with emphasis on primary, continuing and com-
prehensive care.

611. Anesthesiology Clerkship
Fall, Winter, Spring, Summer. 1 to
17 credits. May re-enroll for a maximum of
34 credits. 602.

Introducing common anesthetic agents and tech-
niques, the Anesthesia Clerkship stresses pre-
operative evaluation of physical and psychologi-
cal status of patients and provides opportunity
for performance of anesthetic procedures under
supervision.

**HUMAN NUTRITION
AND FOODS**

See Food Science and Human Nutrition

**IMPROVEMENT
SERVICES**

IS

All University

194. Quantitative Techniques
Fall, Winter, Spring, Summer. 2(2-0)
Proficiency test referral or approval of depart-
ment.

Number system; rounding and estimating; frac-
tions; decimals; percent; equations; formulas;
direct and inverse proportion, including graphs;
problem solving or applications; multiplication
and division by powers of ten and their mul-
tiples; scientific notation; metric system con-
versions; bases other than ten.

**INTERDISCIPLINARY
COURSES**

IDC

All University

**100. Career Planning and Academic
Programming**
Spring. 1(1-0) Administered by Uni-
versity College.

Philosophical and practical aspects of making
career choices and designing academic programs
to meet career objectives. Tools and techniques
for self-evaluation and evaluation of career al-
ternatives; employability, trends in occupations.

200. Resource Ecology and Man
Fall, Winter, Spring. 3(3-0) Inter-
disciplinary with the following departments:
Anthropology, Botany and Plant Pathology, Fish-
eries and Wildlife, Forestry, Geography, Park
and Recreation Resources, Resource Develop-
ment, and Zoology. Administered by the Fish-
eries and Wildlife Department.

Mechanisms by which the environment regulates
man and his resources. Ecology as the unifying
basis for resource management. Resource con-
servation policy and environmental health.

**201. Introduction to Environmental
Systems**
(SYS 150.) Fall, Winter, Spring.
3(3-0) Interdisciplinary with Systems Science
and Engineering. Administered by Systems
Science.

Basic systems concepts presented in a non-
mathematical manner. Application to selected
ecological topics, e.g., energy, water quality, food
production, population dynamics. Interactive
models provide opportunity for students to play
decision-making role.

**203. Introduction to Study of the
Moon**
Spring. 3(3-0) Interdisciplinary with
the departments of Astronomy, Geography, and
Geology and administered by the Geology De-
partment.

Lunar science presented from the viewpoints of
astronomy, geography and geology with par-
ticular emphasis on the increasing importance
of the moon in man's present and future.
Evening lunar observations required.

220. The Politics of Ecology
Spring. 4(3-0) Interdisciplinary with
the departments of Political Science and Social
Science and administered by the Department of
Social Science.

Political considerations fundamental to environ-
mental issues. Theory, practice, and prescrip-
tions for action are included. Economic, legal,
and ethical factors influencing public policy
decisions will be emphasized.

**221. The Role of Helping Professions
and Organizations in Community
Services**

Fall, Winter, Spring. 4(3-1) Inter-
disciplinary with Justin Morrill College and
the Department of Family Ecology. Admin-
istered by the Department of Family Ecology.

Analysis of human and community needs; re-
view and examination of existing and emerging
resources to meet those needs; role of pro-
fessionals and volunteers in providing community
and human services.

**255. Continuing Revolution in China:
Problems and Approaches**

(389.) Fall. 4(4-0) Not open to
Freshmen. Interdisciplinary with the depart-
ments of Anthropology, Geography, and History
and administered by the Department of History.

The continuing revolution in China viewed first
historically, then as it has affected various sec-
tors of Chinese society, and finally as it has
affected China's relations with other nations.

**256. Energy Consumption and
Environmental Quality**
(LBC 256.) Spring. 3(3-0) Interdisci-
plinary with Lyman Briggs College and the
Physics Department. Administered by Lyman
Briggs College.

The role of energy as a fundamental pollutant
will be discussed along with the availability
of fossil energy sources. Limitations on the
safe utilization of both fossil and nuclear
energy will also be considered.

**341. Contemporary Problems of South
Asia**

Spring. 4(3-0) Not open to Fresh-
men. Administered by the Geography Depart-
ment.

Current problems in India, Pakistan and ad-
joining areas, studied through regional case
studies of population growth, agricultural and
industrial development, urbanization, and in-
ternal and international political and economic
relationships.

344. Modernization: India and Japan
Winter, Spring. 4(4-0) Not open to
Freshmen. Administered by the Department
of Social Science.

Social, economic, and political development of
non-western cultures in the movement from the
traditional, non-industrial to the modernizing,
industrializing stage.

345. Modernization: The Middle East
Winter, Spring. 4(4-0) Not open to
Freshmen. Administered by the Department of
Social Science.

Social, economic, and political development of
non-western cultures in the movement from the
traditional, non-industrial to the modernizing,
industrializing stage.