# 221. The Visual Arts and Western Culture, Ancient

Fall. 4(4-0) Sophomores.

Emphasizes the visual arts in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses an art history text, a history text, and anthology of readings and selected paperbacks.

### 222. The Visual Arts and Western Culture, Medieval and Early Modern

(242C.) Winter. 4(4-0) Sophomores. Recommend HUM 221; or HUM 201, HUM 211, HUM 261 or 281H.

The visual arts in the culture of the medieval and early modern periods of Western civilization.

# 223. The Visual Arts and Western Culture, Modern

(243C.) Spring. 4(4-0) Sophomores. Recommend HUM 222; or HUM 202, HUM 212, HUM 262 or HUM 282H.

The visual arts in modern culture since 1700.

### 261. Music and Western Culture, Ancient

Fall. 4(4-0) Sophomores.

Emphasizes music in an interdisciplinary study of the origins of Western culture in the civilizations of Greece and Rome and in the Judeo-Christian tradition. Uses live and recorded music, an art and music text, a history text, an anthology of readings, and selected paperbacks.

## 262. Music and Western Culture, Medieval and Early Modern

(242E.) Winter. 4(4-0) Sophomores. Recommend HUM 261; or HUM 201, HUM 211, HUM 221 or HUM 281H.

Interrelationships of music with other aspects of medieval and early modern Western culture.

### 263. Music and Western Culture, Modern

(243E.) Spring. 4(4-0) Sophomores. Recommend HUM 262; or HUM 202, HUM 212, HUM 222 or HUM 282H.

Interrelationships of music with other aspects of modern Western culture since 1700.

## 281H. Honors Course: Ancient World Fall. 4(4-0) Sophomores; approval of

Fall. 4(4-0) Sophomores; approval of department.

Western culture through its origins in the civilizations 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, religion and art.

## 282H. Honors Course: Medieval and Early Modern Periods

(242H.) Winter, 4(4-0) Sophomores; approval of department.

Deals with the medieval and early modern stages of Western civilization.

# 283H. Honors Course: Modern World

(243H.) Spring. 4(4-0) Sophomores; approval of department.

Deals with modern Western culture since 1700.

# 291. The Cultural Traditions of China

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 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 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

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, Summer. 1 to 4 credits. May reenroll for a maximum of 12 credits. Six credits in humanities general education; approval of department.

Selected students requesting individual study of interdisciplinary problems will work under supervision of University College professors. Variable elective credit will be determined when the student secures instructor, adviser, and department 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 Renaissnace

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 Modern World

Spring. 4(4-0) Juniors.

The humanities in an urban culture during the modern era. Major ideas, works of art and literature, their significance in the life of an important world capital during the 18th, 19th, or 20th century.

# 341. The Humanities in the Contemporary World

Fall, Winter, Spring. 4(4-0) Juniors. Previous studies in the humanities are recommended.

Interdisciplinary study of the literature, philosophy, religion, architecture, painting, sculpture, music, film, and other performing arts of the crasince 1945 as they reflect and influence the character of contemporary civilization.

# 345. Jewish Humanities in the Twentieth Century

Fall, Winter, Spring. 4(4-0) Previous studies in the humanities recommended.

An interdisciplinary study of the novel, short story, drama, music, film, and arts of the Twentieth Century as they have reflected the experiences, preoccupations, and contributions of the Jews.

# 391. Twentieth Century Chinese Humanities

Winter, Spring. 4(4-0) Juniors; previous work in the humanities recommended.

An interdisciplinary study of major artistic, literary, religious, and philosophical developments in 20th century China.

# HUMAN MEDICINE (COLLEGE OF) H M

## 500. Preceptorship Training

Fall, Winter, Spring, Summer. 1 to 3 credits. One year of medical school. Interdepartmental with the Department of Family Practice.

Field experience in primary care taught by primary care physicians throughout the state to medical students from Michigan State University, University of Michigan and Wayne State University.

## 505. Patient Interaction

Fall. 2(2-0) ANT 505A concurrently.

Students participate in experiences dealing with certain aspects of interviewing and performing a physical examination. Focus is primarily on self-observation and exploration of student-patient interaction.

### 508. Immediate Care

Fall. 2(2-0) First year Human Medicine student.

Methods of administering immediate life saving and supportive measures in case of accident or medical emergency. Emphasis placed on cardiopulmonary resuscitation, fractures, unconsciousness, wounds, environmental injury and emergency child birth.

### 510. Focal Problems

Fall. 1 to 10 credits.

Small group discussions concerned with instruction in the processes of medical problem solving and the integrated learning of basic and clinical medical science concepts around common problems seen in medical practice.

# 511. Focal Problems

Winter. 1 to 10 credits. H M 510 or approval of department.

Continuation of H M 510.

### 512. Focal Problems

Spring. 1 to 10 credits. H M 511 or approval of department.

Continuation of H M 511.

## 513. Focal Problems

Fall. 1 to 10 credits. H M 512 or approval of department.
Continuation of H M 512.

### Focal Problems

Winter, 1 to 10 credits. H M 513 or approval of department. Continuation of H M 513.

#### 515. Focal Problems

Spring. 1 to 10 credits. H M 514 or approval of department. Continuation of H M 514.

#### 520. Clinical Science

Winter, I to 8 credits.

The basic clinical skills of interviewing, physical 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. H M 520 or approval of department. Continuation of H M 520.

### Clinical Science

Fall. 1 to 8 credits. H M 521 or approval of department.

Continuation of H M 521.

#### 523. Clinical Science

Winter, 1 to 8 credits, H M 522 or approval of department. Continuation of H M 522.

#### 524. Clinical Science

Spring. 1 to 8 credits. H M 523 or approval of department.

Continuation of H M 523.

#### Aging: Clinical and Community *534*. Perspectives

Spring. 3(3-0) Medical student or approval of department.

Multi-dimensional aspects of aging and their application to long-term, continuing care of the chronically ill older adult.

#### 590.Special Problems in Human Medicine

Fall, Winter, Spring, Summer, 1 to 6 credits. May reenroll for a maximum of 12 credits. Human Medicine students or approval of department.

Each student will work under direction of a faculty member of the college on an experimental, theoretical or applied problem. A student should employ this college level course, as distinguished from the departmental level special problems course, when his topic of interest 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 problem formulation are taught as a basis for rational and effective patient care.

#### 608. Sub-Specialty Clerkships

Fall, Winter, Spring, Summer. 1 to 17 credits. May reenroll for a maximum of 41 credits. H M 602.

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

# **HUMAN NUTRITION** AND FOODS

See Food Science and Human Nutrition

# **IMPROVEMENT** SERVICE

### I S

**IDC** 

# **All University**

### Quantitative Techniques

Fall, Winter, Spring, Summer. 2(2-0) Proficiency test referral or approval of department.

Number system; rounding and estimating; fractions; decimals; percent; equations; formulas; direct and inverse proportion, including graphs; problem solving or applications; multiplication and division by powers of ten and their multiples; scientific notation; metric system conversions; bases other than ten. Approved through Fall term 1978.

# INTERDISCIPLINARY COURSES

### **All University**

### Career Planning and Academic Programming

Winter, Spring. 1(1-0) Administered by University 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 alternatives; employability, trends in occupations.

#### 200. Resource Ecology and Man

Fall, Winter, Spring. 3(3-0) Interdesciplinary with the following departments: Anthropology, Botany and Plant Pathology, Fisheries and Wildlife, Forestry, Geography, Park and Recreation Resources, Resource Development, and Zoology. Administered by the Department of Fisheries and Wildlife.

Mechanisms by which the environment regulates man and his resources. Ecology as the unifying basis for resource management. Resource conservation policy and environmental quality.

#### 201.Introduction to Environmental Systems

(SYS 150.) Fall. 3(3-0) Interdisciplinary with Systems Science and Engineering, Administered by Systems Science.

Basic systems concepts presented in a nonmathematical 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.

#### 210.Introduction to Latin America I

Fall. 3(3-0) Interdisciplinary with the departments of Anthropology, Geography, Music and Romance and Classical Languages. Administered by the Department of Romance and Classical Languages.

Specialists in Latin American geography, archaeology, cultural authrolpology and music introduce the student to life in Central and South America. Approved through Summer 1980.

#### 211. Introduction to Latin America II

Winter. 3(3-0) Interdisciplinary with the departments of Art, Romance and Classical Languages and Sociology. Administered by the Department of Romance and Classical Languages.

Specialists in the historical literature, art and sociology of Latin America introduce the student to the culture of the area. Approved through Fall

### 212. Introduction to Latin America

Spring. 3(3-0) Interdisciplinary with the departments of Economoics, Political Science and Romance and Classical Languages. Administered by the Department of Romance and Classical Languages.

Specialists on Latin American political science, economics and contemporary literature introduce the student to Ibero-America. Approved through Winter 1981.

#### 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

Political considerations fundamental to environmental issues. Theory, practice, and pre-scriptions for action are included. Economic, legal, and ethical factors influencing public policy decisions will be emphasized.

#### 255. Continuing Revolution in China: Problems and Aproaches

(389.) Fall. 4(4-0) Interdisciplinary with the departments of Anthropology, Geography, History and Political Science and James Madison College. Administered by the Department of History.

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

#### Energy Consumption and 256. **Environmental Quality**

Spring. 3(3-0) Interdisciplinary with Lyman Briggs College and the Department of Physics. 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 Freshmen. Interdisciplinary with the departments of Anthroplogy, Geography, and Political Science and administered by the Department of Political

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

#### 344. Modernization: India, Pakistan, Bangladesh

Winter. 4(4-0) Not open to freshmen. Administered by the Department of Social Sci-

Social, economic, and political development of three nations in the change from traditional, non-industrial, formerly colonial nations to the modern industrializing stage as independent na-