

**514. 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. 1 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.

**522. 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.

**534. Aging: Clinical and Community 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

### All University

**194. 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

IDC

### All University

**100. 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) Interdisciplinary 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 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.

**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 anthropology 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 1980.

**212. Introduction to Latin America III**  
Spring. 3(3-0) Interdisciplinary with the departments of Economics, 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 Social Science.  
Political considerations fundamental to environmental issues. Theory, practice, and prescriptions for action are included. Economic, legal, and ethical factors influencing public policy decisions will be emphasized.

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

**256. Energy Consumption and 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 Anthropology, Geography, and Political Science and administered by the Department of Political Science.  
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 Science.  
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 nations.