

## Descriptions - HUMAN NUTRITION AND FOODS

of

### Courses

## HUMAN NUTRITION AND FOODS

See Food Science and Human Nutrition.

## IMPROVEMENT SERVICE

### All University

#### 1941. Quantitative Techniques

Fall, Winter, Spring, Summer. 2(2-0) Proficiency test referral or approval of department. Credits earned in this course are included in computation of GPA and MAPS but are not included in the 180 credits required for graduation.

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.

## INTERDISCIPLINARY COURSES

### All University

#### 1005. Career Planning and Academic Programming

Winter, Spring, 1(1-0) Credits earned in this course are included in computation of GPA and MAPS but are not included in the 180 credits required for graduation. Administered by Department of Natural Science.

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. Approved through Summer 1981.

#### 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. Approved through Summer 1981.

#### 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 on Latin American geography, archaeology, cultural anthropology and music introduce the student to life in Central and South America. Approved through Summer 1982.

#### 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.

#### 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.

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

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. Approved through Summer 1981.

#### 256. Energy Consumption and Environmental Quality (N)

Spring. 3(3-0) Interdisciplinary with Lyman Briggs College and the Department of Physics. Administered by the Department of Physics. 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. Approved through Summer 1981.

#### 341. Contemporary Problems of South Asia

Spring. 4(3-0) Not open to Freshmen. Interdisciplinary with the departments of Anthropology, Geography, and Political Science. 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. Approved through Summer 1981.

#### 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. Approved through Summer 1981.

#### 384. Contemporary Problems of Japan

Winter. 4(3-0) Not open to Freshmen. Interdisciplinary with the departments of Anthropology, Geography, and History. Administered by the Department of Geography. Current problems in Japan studied through case studies of major policy issues, agricultural and industrial development, urbanization, student and youth movement, political and governmental institutions, and problems of external relations. Approved through Summer 1981.

#### 390. Survey of Sub-Saharan Africa

Winter. 4(4-0) Credits may be counted in any of the cooperating departments. Interdisciplinary with the following departments cooperating: Anthropology, Geography, History, Political Science and Sociology. Administered by the Department of Geography. Africa introduced through integration of the approaches of several disciplines in the social sciences and humanities. Designed as basis for further work in departmental African area courses. Approved through Summer 1981.

#### 391. Survey of Sub-Saharan Africa

Spring. 4(4-0) Credits may be counted in any of the cooperating departments listed in IDC 390. Administered by the Department of Geography. Continuation of IDC 390. Approved through Summer 1981.

#### 400V. Distinguished Visiting Professor Series

Fall, Winter, Spring. Variable credit. Approval of the student's major department. The title, content, and credits to be determined by the college sponsoring the course in consultation with the visiting professor. May be counted as credit in any major upon approval of major department, division or dean.

#### 401. Interdisciplinary Issues in Aging

Winter. 4(4-0) Administered by the Department of Natural Science. Interdisciplinary and cross cultural exploration of the aging process. Concern with aging as a personal experience as well as a biological, social and psychological event. Approved through Summer 1981.

#### 432. Introduction to Meteorology

Spring. 3(3-0) Credit may be counted in either of the cooperating departments. Interdisciplinary with the departments of Agricultural Engineering and Geology. Administered by the Department of Agricultural Engineering. Atmospheric science's view of earth's atmosphere, its physical structure, energy and moisture balance, vertical and horizontal motions, formation of air masses, general circulation, fronts, cyclones, and weather. Applications of meteorology. Approved through Summer 1981.

#### 433. Introductory Meteorology Laboratory

Spring. 1(0-2) IDC 432 or concurrently. Credit may be counted in either of the cooperating departments. Interdisciplinary with the departments of Agricultural Engineering and Geology. Administered by the Department of Agricultural Engineering. Analysis of meteorological data, meteorological experimentation and instrumentation. Approved through Summer 1981.

#### 435. Microclimatology

Fall. 3(3-0) MTH 108. Administered by the Department of Agricultural Engineering. The physical environment in the lower few hundred meters of the atmosphere and within the biosphere is described and the components of the energy budget are qualitatively evaluated. Approved through Summer 1981.