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 techniques, the Anesthesia Clerkship stresses pre-operative evaluation of physical and psychological 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 1 S

All University

094. Arithmetic Improvement Service
Fall, Winter, Spring, Summer. 0(2-0) 2(2-0) Instruction and practice in addition, subtraction, multiplication, and division of whole numbers, common and decimal fractions; problems involving percent; simple problems in ratio and proportion; and one-step equations.

INTERDISCIPLINARY COURSES 1 DC

All University

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

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

341. Contemporary Problems of South Asia
Spring. 4(3-0) Not open to Freshmen. Administered by the Geography Department.
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 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.

346. Far East: Contemporary Issues and Problems
Spring. 4(4-0) Administered by the Department of Social Science
Contemporary political, economic and social issues in the Far East affecting relationships among Far Eastern peoples and relationships between these peoples and the United States and other powers.

354. Contemporary Problems of Japan
Winter. 3(3-0) Not open to Freshmen. Interdisciplinary with the Departments of Anthropology, Geography, and History. Administered by the Department of Geography.

390. Continuing Revolution in China: Problems and Approaches
Fall, Winter, Spring. 4(4-0) Not open to Freshmen. Interdisciplinary with the Departments of Anthropology and History and administered by the History Department.
The continuing revolution in China viewed historically, then as it has affected various sectors of Chinese society, and finally as it has affected China’s relations with other nations.

391. Survey of Sub-Saharan Africa
Spring. 4(4-0) Credits may be counted in any of the cooperating departments listed in 390. Administered by the Geography Department. Continuation of 390.

400V. Distinguished Visiting Professor Series
Fall, Winter, Spring. 1-2 credits. 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. Seminar on Recent Advances in Science and Mathematics
Fall, Winter, Spring. 2(2-0) May re-enroll for a maximum of 6 credits. Bachelor’s degree.
A structured course which cuts across the other four major offerings. Selected topics in recent developments will be discussed by staff members and guest lecturers. Recent research is stressed and effort is made to show the interrelatedness of the topics to general science course content materials.

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 Agricultural Engineering Department.
A purview of atmospheric science including a study of the interactions between meteorology and living organisms.

433. Introductory Meteorology Laboratory
Spring. 1(0-2) 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 Agricultural Engineering Department.
Weather map analysis, meteorological experimentation and instrumentation.

435. Microclimatology
Fall. 3(3-0) MTI 105. Administered by Agricultural Engineering Department. The physical environment in the lower few hundred meters of the earth’s surface within the biosphere is described and the components of the energy budget are qualitatively evaluated.

476. Canadian-American Studies
Spring. 4(3-0) May re-enroll for a maximum of 6 credits. Credits may be counted in any of the cooperating departments. Interdisciplinary with the following: Anthropology, Secondary Education, English, Geography, History, and Romance Languages. Administered by the Canadian-American Studies Committee. Juniors.
Introduction to Canadian-American Studies. Materials from various disciplines enable the student to integrate subject-matter, areas, and methodology. Content varies from term to term, but course is always focused upon significant issues and subjects in the interrelated fields of Canada and the United States.

500V. The Impact of Animal Resource Management Upon the World’s Developing Nations
Winter. 3(4-0) Interdisciplinary with the following departments: Agriculture, Animal Husbandry, Crop and Soil Sciences, Dairy Science, Large Animal Surgeons and Medicine, and Poultry Science, and administered by the Animal Husbandry Department.
Role of the domesticated animal resources of the underdeveloped world as managed by man to produce essential nutrients to alleviate starvation and deficiency disease and in diversifying economic development in the utilization of land resources.

500V. 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.

503. Seminar in Industrial Relations
Fall, Winter, Spring. 4(3-0) May re-enroll for a maximum of 6 credits. Bachelor’s degree.
A structured course which cuts across the other four major offerings. Selected topics in recent developments will be discussed by staff members and guest lecturers. Recent research is stressed and effort is made to show the interrelatedness of the topics to general science course content materials.
215. Utopia and the Quest for Social Progress
Spring. 4(3-0)
Survey of utopian thought and literary utopias combined with detailed study of selected major utopians from The Republic to Walden Two.

218. Contemporary Ideologies
Winter. 4(3-0) Students may not receive credit in both M C 218 and PLS 170.
The doctrines by which socio-political movements justify and explain their goals and programs. An introduction to such movements and doctrines as socialism, communism, fascism, nationalism and democracy.

220. Contemporary World Politics
Winter. 4(3-0). Students may not receive credit in both M C 220 and PLS 160.
Theories explaining actions and interactions of nation-states, regions, and political movements. Analysis of historical, capabilities, and policies. Examination of factors accounting for conflict and collaboration in international relations.

226. Socio-Cultural Factors in Developmental Change
(320.) Fall. 4(3-0) 220 recommended.
The network of socio-cultural institutions related to economic decay, stagnation or development. Conditions under which socio-cultural factors accelerate or retard economic development.

227. Political Factors in Modernizing Societies
(320.) Fall. 4(3-0) 220 recommended.
Internal political factors related to the search for stability and development.

230. Education and Poverty
Spring. 4(3-0).
The relationship between education, poverty, and the institutional structures affecting the distribution of opportunity in technologically advanced societies. Surveys current theoretical and empirical literature and explores relevant major sociological and psychological concepts.

240. Applications of Economic Policy Analysis
Spring. 4(3-0) EC 200 and 201 or 210.
Economic principles and concepts applied to contemporary economic policy problems. Emphasis on alternative explanations for selected problems, the institutions of economic policymaking and normative implications of various policy solutions.

249. Historical Development of Urban Society
(250.) Fall. 4(3-0) Interdepartmental with the History Department.
The evolution of cities, from the Industrial Revolution. Particular stress will be placed upon the processes of urbanization, and upon the social, economic, and political aspects of American urban history.

251. The Contemporary American City
Winter. 4(3-0) Analysis of urban social and political organization and the policy-making process. Selected topics such as urban neighborhoods and sub-culture and urban bureaucracy.

252. Urban Policy Problems
Spring. 4(3-0)
The study of contemporary urban problems, their policy implications and the role of these problems in future cities. Students must confront alternative solutions and their value assumptions.