ANIMAL SCIENCE

College of Agriculture and Natural Resources

101. Animal Science Fall. 5(4-3)
Survey of the animal industries including history, economic geography, anatomy and physiology, nutrition and feed usage, and systems of commercial livestock and poultry production.

213. Animal Science Seminar Fall. 1(2-0)
Animal science industries. Industry representatives will be utilized to discuss particular areas.

325. Principles of Animal Nutrition Spring. 5(4-3) CEM 132; BCH 200 recommended.

461. Principles of Animal Breeding Winter. 3(3-0) CEC 250.

ANTHROPOLOGY

College of Human Medicine
College of Osteopathic Medicine
College of Social Science

100. The Origin of Man and Culture Fall, Winter, Spring, Summer. 4(3-1)
Introduction to physical anthropology: the position of man in the animal kingdom, the genetic mechanisms of evolution, human beginnings and the fossil record, racial evolution and racial types among modern man, the anticipation of culture among other animals and the development of human culture, and culture as an adaptive mechanism.

172. Introduction to Anthropology Fall, Winter, Spring, Summer. 4(3-1)
Comparison of ways of life among primitive, peasant and civilized peoples. Implications of these styles of life for understanding of human behavior in general and exotic cultures in particular.

101. The Africans and Their Cultures Fall, Spring. 4(3-0) Sophomores or approval of department.
Racial and cultural problems confronting the African peoples.

Intercultural nature of cultural traditions in the modern world. Consideration of how people of developing nations respond to the dominant cultural forces of industrialized nations.

1D. Contemporary Problems of South Asia
For course description see Interdisciplinary Courses.

350. Peasant Society Fall. 4(3-1) 171.
Anthropological study of peasantery. Comparative examination of the rural societies and cultures of Asia, Europe, and Latin America.

350. Culture, Health and Illness Spring. 4(3-1) 171.
Anthropological study of health behavior. Comparative view of primitive, folk, and scientific medical systems and their effect on the individual and the community in the illness situation.

350. Anthropology and Education Winter. 4(3-1) 171 or other social science.
For Education and Anthropology majors.
Maturation and socialization in various societies of Asia, Africa, and Latin America. There will be compared with educational institutions in the U.S. and Europe. It is expected to be a contribution to the broader cross-cultural investigation of the teaching/learning process.

1D. Contemporary Problems of Japan
For course description, see Interdisciplinary Courses.

357. Ethnicity and Nation Building Spring. 4(2-2) 171.
Ethnic minorities and the roles they play in fostering and/or hindering nation building processes in Third World countries. A theoretical framework is utilized to compare systematically these roles in various areas of the world.

1D. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

1D. Survey of Sub-Saharan Africa
For course description, see Interdisciplinary Courses.

400H. Honors Work Fall, Winter, Spring. Summer. 1 to 16 credits. May re-enroll for a maximum of 20 credits. Approval of department.

411. Studies in the Anthropology of Asia Fall, Winter, Spring. 4(3-0) May re-enroll for credit for Part II in an area and/or for another area. 171, 275 or approval of department.
Separate courses in Asian cultures: China; Japan; Southeast Asia; South Asia; Central Asia. A two-part course sequence is usually given. Part I: Ethnographic survey. Part II: Sub-areas, special problems and approaches.
415. Studies in the Anthropology of Africa
Winter, Spring. 4(3-0) May re-enroll for credit for Part II in an area and/or for another area. 171; 281 or approval of department.
Separate courses on African cultures: West Africa; Central Africa; East Africa. A two-part course sequence is usually given. Part I: Ethnographic survey. Part II: Sub-areas, special problems and approaches.

419. Studies in the Anthropology in the New World
Fall, Winter, Summer. 4(3-0) May re-enroll for credit for Part II in an area and/or for another area. 171 or approval of department.
Separate courses on New World cultures: Arctic; North America; Middle America; South America. A two-part course sequence is usually given. Part I: Ethnographic survey. Part II: Sub-areas, special problems and approaches.

423. Studies in the Anthropology of the Near East
Winter, Spring. 4(3-0) May re-enroll for credit for Part II in an area and/or for another area. 171 or approval of department.
Separate courses on Near East cultures: North Africa and Southwest Asia. A two-part course sequence is usually given. Part I: Ethnographic survey. Part II: Sub-areas, special problems and approaches.

444. Human Diversity
Fall of odd-numbered years. 3(3-0)
Origins and evolutionary meaning of human physical variability. Racial variation as an adaptive phenomenon. Roles of genetic and environmental influences in creating the phenotype.

445. Fossil Man
Winter of odd-numbered years. 3(3-0)
Fossil evidence and theory pertaining to human evolution during the last four million years.

446. Primatology
Spring. 3(3-0) 100.
The order primates: evolution, taxonomy, biology, and behavior. Primate learning, cultural, sexual, maternal, and aggressive behavior; social organization.

450. Area Courses in Prehistory
Fall, Winter. 4(4-0) 100 or 171, and 283; 6 additional credits in anthropology.
Archaeology of different areas with emphasis on prehistoric adaptations to natural and social environments. Settlement patterns, subsistence, technology, and style will be considered. Areas covered will vary with staff and student interest.

463. Social Anthropology
Fall. 4(3-0) 171 or approval of department.
Organisation and structure of non-Western societies, ranging from simpler tribal and peasant societies to complex civilizations. Social institutions, such as those based upon kinship, sex, age and status, analyzed for specific groups.

464. Religion and Culture
Winter. 4(3-0) 171 or SOC 241 or approval of department.
Religious beliefs and magical practices of primitive peoples and functions of magic and folklore in contemporary society. Religion as an institution in society.

465. Symbolic Anthropology
Winter. 4(4-0) 171 and 463 or approval of department.
Course explains how human perception and communication are guided by systems and meanings and relates systems of thought to systems of action. Examples from western and non-western cultures.

467. Language and Culture
Fall, Spring. 4(3-0) Approval of department. Interdepartmental with the English Department.
A survey exploring the interconnectedness of language and culture. Special areas to be emphasized include: Child Language Learning; Linguistic and Cultural Contact Phenomena; "Specialized" Languages, such as Cant, Arap, Trade Jargon, Lingua Franca; "Hybridization" and "Substratum"; Language and Cultural Change; a brief examination of Theories of Origins and of the Sapir-Whorf Hypothesis.

468. Systems of Rank
Spring of odd-numbered years. 4(4-0) 171 and 463 or approval of department.
A comparative study of systems of rank such as age grading, sexual, spatial, caste, ethnicity, and class systems. The course emphasizes both symbolic and transactional analyses of rank.

469. Cultural Areas of the World
Winter, Summer. 4(3-0) May re-enroll for credit when new area is given. 100 or 171 or SOC 241 or approval of department.
Social character of people, social organization, culture of an area in relationship to social heritage, local conditions and world affairs. Areas emphasized will vary with staff and student's interest: Africa; American Indian, Latin America, Near East; Northeast Asia; Pacific and Southeast Asia.

472. Anthropology of Legal Systems
Winter. 4(4-0) 463 or approval of department.
A comparative examination of legal ideas in selected non-Western preindustrial and peasant societies; parallels and contrasts are drawn with key legal ideas of modern Western systems.

473. Culture and Personality
Fall, Spring. 4(4-0) One 300 level anthropology or sociology course. Interdepartmental with the Sociology Department.
Human nature in evolutionary and cross-cultural perspective. Special attention to relating theories of anthropology and psychology to methods of studying personality in non-Western societies.

474. Culture and Economic Behavior
Winter. 4(4-0) 483 or approval of department.
Economic systems of changing cultures in Asia, Africa and Latin America. The cultural matrix of economic transactions and relations of economic and other social and cultural institutions seen in a comparative framework. Emphasis is placed on traditional agricultural or tribal communities.

475. Political Anthropology
Spring. 4(4-0) 171.
Political systems of changing cultures in Asia, Africa and Latin America. Relations between political and other social institutions and analysis of the organization of conflict in non-Western societies. The relation of tribal and peasant politics to national politics in developing countries seen in a comparative framework.

Multiple Choice II
For course description, see Interdisciplinary Courses.

480. Cross-Cultural Relations in the Modern World
Fall. 4(4-0) 473. Interdepartmental with the Department of Sociology.
Relationship of native peoples to world-wide forces and reactions of native peoples to world struggle for power. Problems involved in administration of programs for non-Western societies.

481. Independent Study
Fall, Winter, Spring. Summer. 2 to 16 credits. May re-enroll for a maximum of 16 credits. Written approval of instructor and department.
Study of a selected topic under the guidance of a faculty adviser in the area of specialization, including field work.

481. Core Seminar in Ethnographic Analysis I
Fall, Winter. 4(4-0) Approval of department.
Develops professional competence in the analytical assessment of anthropological studies in social anthropology and examines a selected range of analytical issues in relation to their ethnographic context.

482. Core Seminar in Ethnographic Analysis II
Winter. 4(4-0) or 801.
Continuation of 481.

483. Introduction to Paleoanthropology I
Winter. 4(4-0) Approval of department.
Exploration of evolutionary theory followed by an examination of data and modes of analysis pertinent to the study of hominid evolution and the development of culture through the Middle Pleistocene.

484. Introduction to Paleoanthropology II
Spring. 4(4-0) 803.
Exploration of hominid evolution and cultural development of the Middle Pleistocene through the Early Holocene. Emphasis on selected issues illustrating the ways in which paleoanthropologists solve problems.

485. History of Anthropological Theory
Fall. 5(5-0) 802, 804 or approval of department.
A review of the various schools of thought, important personalities, and principal concepts that have contributed to the development of anthropological theory.

486. Evolution of Man
Fall. 5(3-0) Approval of department.
Intensive review of biological and cultural evolution of man, with emphasis placed on anatomy, ethology, polymorphism, genetics, cultural evolution, prehistory, and the development of civilization.

488. Seminar in Cross-Cultural Relations
Winter of odd-numbered years. 4(3-0) Approval of department. Interdepartmental with the Sociology Department.
Analysis of the relations between superordinate and subordinate societies and between coordinated societies and cross-cultural exchange programs.

489. Ethnology of Selected Areas
Fall, Spring. 4(4-0) May re-enroll for a maximum of 16 credits. Approval of department.
Intensive review of ethnology of selected culture areas with emphasis on current anthropological problems of that area.
827. Anthropological Theorists
Winter. 4(4-0) May re-enroll for credit with approval of department. Approval of department.
Review of current theoretical problems in social and cultural anthropology.

830. Kinship Studies
Winter. 4(4-0) Approval of department.
The course will raise the question of what kinship is and why it has been such a central topic in anthropology. Various controversies and theoretical trends will be presented and analyzed.

831. Linguistic Anthropology
Winter. 5(3-2) Approval of department.
The nature of language; techniques for the description and comparison of languages; linguistics as an anthropological tool; language and culture.

833. Anthropological Problems of Prehistory
Spring. 5(3-2) Approval of department.
Relation of archaeology to the other fields of anthropology on both a theoretical and practical level. Archaeological data are used to introduce problems of long-range cultural change and development.

835. Human Osteology and Osteometry
Fall of even-numbered years. 5(3-4)
Identification of human bones and fragments; aging, sexing and determining the race of skeletal remains; measuring techniques for cranial and postcranial remains; the more common forms of paleopathology.

IDC. Interdisciplinary Seminar on Africa
For course description, see Interdisciplinary Courses.

850. Archaeological Methods and Techniques
Winter. 4(4-0) 833 or approval of department.
Seminar in outlining archaeological method and the role of technique in the strategy of archaeology. Techniques and problems of information retrieval will be emphasized.

856. Methodology of Anthropological Research
Winter. 1 to 12 credits. Approval of department.
Seminar in problems of anthropological investigations considered in the framework of history and philosophy of science. Relevance of various field techniques, methods of data gathering and data handling, and strategies of analysis for various problems are treated.

858. Environment, Technology, and Culture
Spring. 4(3-0) Approval of department.
Cultural ecology, study of the relation of man and his physical environment, the role of technology in mediating between the two. Comparative analysis of the interdependence of social organization, technology and environment. Case histories of cultural and social change arising from technological innovations.

870. Applied Anthropology
Spring of odd-numbered years. 4(3-0)
Approval of department.
Theoretical and methodological problems involved in planned social change. Course will focus on field experience in the local community. Designed primarily for graduate students having professional interest in the application of social change.

872. Seminar in Special Subject Fields
Fall, Winter, Spring, Summer. Variable credit. Approval of department.
Special fields of study will include any area of anthropology selected.

875. Individual Research Projects
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

880. Individual Readings
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

923. Cultural Dynamics
Winter. 5(5-0) Approval of department.
Intensive review of Cultural anthropology, ethnology, and cultural change with particular attention to systems theory and interconnections of cultural, social, personality, and ecological systems.

925. History of Art
Fall, Spring. 5(5-0) Approval of department.
Survey of the history of art from prehistoric to modern times. Covers the development of major centers of art production and art movements from prehistoric to modern times. Course will focus on field experience in the local community. Designed primarily for graduate students having professional interest in the application of social change.

928. History of Western Art
Fall. 4(4-0)
Continuation of 268. Early Medieval, Romanesque, Gothic, Renaissance and Mannerist periods.

205. Introduction to Art
Fall, Winter, Spring. 3(3-0) Not open to majors.
Painting, sculpture and architecture from the time of the Greeks to the present. Individual works of art examined intensively, as regards both their formal qualities and the manner in which they exemplify the shifting patterns of Western culture.

206. History of Western Art
Fall. 4(4-0)
Painting, sculpture and architecture from prehistoric to modern times. Provides an introduction to the development of the major art movements of the Western world.

208. History of Western Art
Fall. 4(4-0)
Painting, sculpture, and architecture from prehistoric to modern times. Provides an introduction to the development of the major art movements of the Western world.

210. History of Western Art
Fall. 4(4-0)
Continuation of 206. Early Medieval, Romanesque, Gothic, Renaissance and Mannerist periods.

209. History of Western Art
Spring. 4(4-0)
Continuation of 207. Italian, Byzantine, Gothic, Renaissance and Mannerist periods.

212. Italian Renaissance Architecture
Spring. 4(4-0) 207 or approval of department.
Important buildings of the 15th and 16th centuries of architectural interest, and architectural representations in drawings and paintings.

213. Italian Renaissance Sculpture
Winter. 4(4-0) 207 or approval of department.
Major artists from 1250 to 1600.