494. Breeding Systems and Plans  
Spring of odd-numbered years. 3(3-0)  
ANS 941.  
Biometric relations between related animals.  
Role of selection in changing populations.  
The effects of different mating systems.

495. Biometrical Genetics  
Fall. 4(4-0) ANS 872.  
Estimation of variance and covariance components.  
Best linear unbiased prediction of breeding values and selection index.  
Genetic models for quantitative traits.  
Correlation of relatives.  
Selection theory.

999. Doctoral Dissertation Research  
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

ANTHROPOLOGY ANP

College of Human Medicine  
College of Social Science

100. Human Evolution  
Fall, Winter, Spring, Summer. 4(4-0)  
Scientific fossil and archaeological evidence on human cultural and biological origins; anticipation of culture in other animals; place of humans among the primates; processes of organic evolution; modern human genetic variability; culture as an adaptive mechanism; cultural development to the dawn of civilization.

171. Introduction to Sociocultural Anthropology (S)  
Fall, Winter, Spring, Summer. 4(4-0)  
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.

210. The Anthropological Film  
Winter. 3(2-2)  
Ethnographic film as a preserver of vanishing cultures worldwide, as a tool for ethnological analysis and as a creator of perspectives about other cultures and cultural variability.

221. Social and Cultural Analysis  
Fall, Spring. 4(4-0) ANP 171 or approval of department.  
Basic theoretical framework of socio-cultural analysis: structural functionalism, evolutionism, and cultural ecology.

230. Women and Health: Anthropological and International Perspectives  
Spring. 3(3-0)  
Crosstcultural women's health issues. Health implications of differing life circumstances for women in developing countries. Women as health care providers and consumers. Health issues concerning the female life cycle.

250. Culture, Environment and Adaptation (S)  
Fall. 4(4-0)  
Culture as an adaptive process—as developed in the million years of human history and still influencing environmental quality, population control, and allocation of resources in primitive and modern societies.

255. Prehistory of the Bible Lands  
Spring of odd-numbered years. 3(3-0)  
Archaeological evidence for prehistoric cultures of Biblical Palestine up to the establishment of the ancient kingdoms of Judea and Israel around 1200 B.C.; rise of civilization into Old Testament times.

IDC. Introduction to Contemporary China  
For course description, see Interdisciplinary Courses.

IDC. Contemporary Japan  
For course description, see Interdisciplinary Courses.

262. Status of Women in Culture and Society: A Comparative View  
Fall. 3(3-0)  
Comparative analysis of the status of women emphasizing non-Western cultures and societies. Economic and domestic division of labor between the sexes as a factor underlying division of status, power and authority.

263. Introduction to Archaeology  
Winter. 3(3-0)  
Archaeologists, work in the field and laboratory; dating the past, analysis of finds; interpretation of sites from Stone Age Caves to ceremonial sites.

264. Great Discoveries in Archaeology (S)  
Winter. 4(4-0)  
Great discoveries in archaeology that have captured the public's imagination and shaped Western thought, from Olduvai Gorge and Stonehenge to Machu Picchu.

265. Vanished Peoples and Lost Civilizations  
Fall. 4(4-0)  
Concepts of cultural evolution and origins of civilization as found in popular literature ranging from Atlantis to Charlot of the Gods.

266. War and Aggression  
Fall, Spring. 3(3-0)  
The question "What makes friends and what makes enemies?" is examined from the standpoint of cultural anthropology. Violence-prone cultures and peaceful ones are compared for factors influencing human aggression.

275. The Anthropology of Asia  
Fall of odd-numbered years. 4(4-0)  
Several cultural complexes and culture types—-from hunting and gathering through complex civilization—of East, Southeast, and South Asia. The cultures and nature of their development will be examined. Past and present significance of cultural stability and change will be seen in a comparative framework.

281. Introduction to African Cultures  
Spring. 4(4-0)  
Patterns and diversity among contemporary African societies, emphasizing cultural continuity and change.

285. Anthropological Perspectives on Global Interdependence  
Spring. 4(4-0)  
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.

IDC. Contemporary South Asia  
For course description, see Interdisciplinary Courses.

343. Introduction to Physical Anthropology  
Fall. 4(3-2)  
Problems, data and techniques associated with the main topical areas of physical anthropology: human genetics, hominid evolution, primate behavior, human osteology and human diversity. Field trips may be required.

350. Peasant and Social Change in the Developing World  
Fall. 4(4-0) ANP 171.  
Cross-cultural examination of peasant and rural cultures and societies of Asia, Europe and Latin America. Traditional peasants and social change in developing nations.

353. Rise of Civilization  
Spring of even-numbered years. 2(3-0)  
ANP 100 or ANP 283, or approval of department.

Archaeological evidence for the appearance and development of the world's earliest prehistoric civilizations; ethnological and ethnohistoric perspectives and the nature of complex societies as models applied to archaeological evidence.

356. Culture, Health and Illness  
Spring. 4(4-0) ANP 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.

391. Anthropology and Education  
Winter. 4(4-0) ANP 171 or other social science. For Education and Anthropology majors.

Maturation and socialization in various societies of Africa, Asia, and Latin America. These 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.

398. The Anthropology of Social Movements  
Winter. 4(4-0) ANP 171 or approval of department.

Analysis of how different cultures around the world organize and create (or impede) change on the basis of class, religion, race, ethnicity, language, and territory.

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

406. Environmental History  
Winter. 4(4-0) Juniors. Interdepartmental with and administered by the Department of History.

History of the impact of human societies on the natural environment. Effect of human induced environmental change on the history of various peoples. Global, thematic approach with emphasis on Europe and America since the 16th century.

407. Interactions of Culture and Nutrition  
Spring. 3(3-0) Juniors; HNF 102 or ANP 171 or approval of instructor. Interdepartmental with and administered by Human Nutrition and Foods.

World and U.S. food behavior focusing on conflicts between behavior and nutritional needs at various stages of life cycle. Anthropological, psychological and social influences affecting food behavior are analyzed.
411. Studies in the Anthropology of Asia (MTC)
Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 16 credits if different subtitles are taken. ANP 171; ANP 275 or approval of department.
Traditional cultures of Asia, emphasizing social, political, economic and ideological factors; traditional cultures and culture change in colonial and modern periods; subtitles focus on different regions of Asia.

412. China: Its Civilization, Culture and Society
Winter. 4(4-0) ANP 171; ANP 275 or approval of department; juniors.
Chinese culture and society from traditional civilization to contemporaneity. Emphasis on cultural continuity and change, village and urban society and their relationships.

415. Studies in the Anthropology of Africa (MTC)
Winter, Spring. 4(4-0) May reenroll for a maximum of 16 credits if different subtitles are taken. ANP 171; ANP 281 or approval of department.
Separate courses on African cultures with emphasis on traditional patterns of social organization, political systems, subsistence and ideology; culture change through colonialism and modernization; traditional cultures and modern states.

418. Critical Issues in Contemporary Africa (MTC)
Fall, Spring. 3(3-0) May reenroll for a maximum of 6 credits if different topics are taken. One course on African subject and approval of instructor. Interdepartmental with African Languages and the departments of Geography, History, Political Science, and Sociology. Administered by the Department of History.
Four separate multidisciplinary topics will be offered at different times: The Horn of Africa, Southern Africa, Africa and the Americas, Social Impact Studies.

419. Studies in the Anthropology of the New World (MTC)
Fall, Winter, Spring. 4(4-0) May reenroll for a maximum of 12 credits if different subtitles are taken. ANP 171 or approval of department.
Separate courses on cultures within the Americas, with emphasis on traditional patterns of society, political systems, subsistence and ideology; culture change through colonialism and modernization; traditional cultures and modern states.

421. North American Indian Ethnography
Fall of odd-numbered years. 4(4-0) ANP 171; ANP 250 or approval of department.
Native cultures of North America on eve of European contact and during past three centuries of interaction with Europeans. Federal policy toward Native Americans. Traditional adaptations and contemporary problems.

423. Cultural Anthropology of Mexican Americans
Spring. 4(4-0) ANP 221 or ANP 350.
Origins, development, and contemporary variation in Chicano culture as studied anthropologically. Comparative theoretical perspectives in Chicano anthropology.

426. Humanistic Perspectives on Global Diversity and Interdependence
Fall. 4(4-0) Juniors or approval of department. Interdepartmental with and administered by the Department of History.
Anthropological and historical analysis of global diversity and interdependence since the 16th century.

427. Contemporary Issues in Global Interdependence and Change
Winter. 4(4-0) Juniors or approval of department. Interdepartmental with and administered by the Department of History.
Interdependence of the modern world since 1945. Focus on such issues as the impact of the West on the non-western world, industrialization, modernization, population and natural resources.

428. Project in Global Studies
Spring. 4(4-0) ANP 171 or approval of instructor. Interdepartmental with and administered by the Department of History.
Supervised project to test students' competence in applying the cultural and historical diversity/interdependence frameworks introduced in the prerequisite courses.

430. Environments of International Enterprise
Fall, Spring. 4(4-0) ANP 171 or approval of department.
Natural, sociocultural, governmental, and global competitive environments that limit and are affected by multinational firms' operations are presented in an anthropological framework.

439. Anthropology of Birth
Fall of odd-numbered years. 4(4-0) ANP 171 or ANP 230 or ANP 263 or ANP 350 or approval of department.
Ethno-obstetrics. Pregnancy, childbirth and infant care in developed and developing nations. Interaction of culture and biology in obstetric phenomena.

444. Human Diversity
Winter of even-numbered years. 3(3-0) ANP 100.
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 Hominids
Winter of odd-numbered years. 3(3-0) ANP 100.
Fossil evidence and theory pertaining to human evolution during the last four million years.

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

448. Forensic Anthropology
Spring of odd-numbered years. 3(3-0) ANP 340 or approval of instructor.
Physical anthropological analysis of human skeletal remains, reconstruction of individuals from skeletal evidence, and place of physical anthropology in legal proceedings.

455. Theory in Historical Archaeology
Winter of even-numbered years. 4(4-0) ANP 263 or approval of department.
Traces the history of the development of theory and method in historical archaeology. Historic site interpretation is also considered.

457. Public Archaeology
Fall of even-numbered years. 3(3-0) ANP 100; at least one 400-level archaeology course.
History of public archaeology; legislation and review procedures at State and Federal level; contract requirements for reports and field work; roles of amateurs, professional certification and private contractors.

463. Social Anthropology
Fall. 4(4-0) ANP 171 or approval of department.
Organization 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  
Fall, 4(4-0) ANP 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) ANP 221 or ANP 463 or ANP 464, 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(4-0) Approval of department. Interdepartmental with the Department of English.
A survey exploring the interconnectedness of language and cultural areas to be emphasized include: Child Language Learning; Linguistic and Cultural Contact Phenomena; “Specialized” Languages, such as Cant, Argot, Trade Jargon, Lingua Franca; “Hybridization” and “Substratum”; Language and Cultural Change, a brief examination of Theories of Origins and of the Sapir-Whorf Hypothesis.

472. Anthropology of Legal Systems  
Spring of even-numbered years. 4(4-0) ANP 221 or ANP 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 Department of Sociology.
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 of even-numbered years. 4(4-0) ANP 221 or ANP 463 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.

477. Urban Anthropology  
Winter of even-numbered years. 3(3-0) Juniors.
Applies anthropological concepts to urban issues. The cross-cultural perspective includes the study of American culture and cities. Topics include ideology, social organization, power, proxemics, urbanization processes and urban reform.

479. Anthropology Capstone Course  
Spring, 4(4-0) Senior Anthropology majors.
Seminar on the integration of the subdivisions of anthropology and its distinctions from other approaches in the social sciences; perspectives on future directions of anthropological inquiry and options for careers.

480. Methods of Sociocultural Anthropology  
(ANP 380.) Winter, 4(4-0) ANP 171, one upper division sociocultural ANP course, approval of department.
Field research and analysis methods and techniques in anthropology; development of research problems and questions; alternate models of validation; ethics of research and presentation of findings.

482. American Folk Medicine  
Winter. 3(3-0) Juniors or approval of department.
Traditional practices of health maintenance and healing in American subcultures. Health-related folklore and practices include taboos, religious healing, witchcraft and herbal medicine.

484. Methods of Field Archaeology  
Summer. 4(4-0) ANP 263 or approval of department.
Methods of field research in archaeology. Site survey, excavation, sampling, data recording, field photography, field laboratory procedures, mapping, Problem formulation, hypothesis testing, preliminary analysis.

486. Practicum in Field Archaeology  
Summer. 2 to 12 credits. May reenroll for a maximum of 20 credits. Approval of department.
Application of methods and techniques of field archaeological research using actual sites and in the context of participation in a research program. Small groups work closely with staff in the execution of research designs.

490. Topical in Anthropology (MTC)  
Fall, Winter, Spring, Summer. 2 to 6 credits. May reenroll for a maximum of 20 credits when a different topic is given. Approval of department.
Experimental courses and courses taught by visiting scholars.

495. Topics in Medical Anthropology (MTC)  
Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 16 credits if different subsites are taken. Approval of department.
Western and non-Western health care and medical systems, relationships between cultural systems and treatment of illness, cross-cultural analysis of health maintenance and medical delivery.

499. Independent Study  
Fall, Winter, Spring, Summer. 2 to 16 credits. May reenroll for a maximum of 16 credits. Written approval of instructor and department.
Study of a selected topic under the guidance of a faculty advisor in the area of specialty, including field work.

800A. Concepts in Anthropology: Sociocultural Anthropology  
Fall. 4(4-0) Approval of department.
Theories, methods, data and issues characterizing anthropology among the social sciences and distinguishing sociocultural anthropology from other subdisciplines.

800B. Concepts in Anthropology: Biocultural Evolution  
Winter. 4(4-0) Approval of department.
Theories, methods, data and issues characterizing the study of human biological and cultural development from the perspective of anthropological studies.
832. Language and Cultural Meaning
Spring of even-numbered years. 4(4-0)
ANP 467 or approval of department.
Anthropological understandings of nature of language and its relationship to meaning in communication. Structuralist and nonstructuralist approaches in French and American anthropological linguistics.

835. Human Osteology and Osteometry
Spring of even-numbered years. 5(3-4)
Approval of department.
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.

837. Problems in Contemporary Physical Anthropology
Winter of even-numbered years. 3(3-0)
Approval of department.
Research problems, issues, questions and controversies in physical anthropology as reflected in contemporary literature.

839. African Research
Fall, Winter, Spring. 2 to 4 credits.
May reenroll for a maximum of 8 credits. Graduate standing or approval of instructor. Interdepartmental with African Languages and the departments of Educational Administration, Geography, History, Political Science, and Sociology.
African-related archival and field research topics and methodologies viewed from perspective of relevant social science and humanistic disciplines associated with the African Studies Center.

840. Biocultural Evolutionary Theory
Fall. 3(3-0) Approval of department.
Anthropological theories about processes, causes and nature of evolutionary development in human biology and culture, and about the interaction between biology and culture in humans.

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

853. Problems in the Origins of Complex Societies
Spring of even-numbered years. 3(3-0)
Approval of department.
Issues and problems in archaeological and ethnological theory concerning appearance and early development of civilization in prehistory.

855. Current Issues in Archaeology
Spring of odd-numbered years. 3(3-0)
Approval of department.
Issues, problems, theoretical advances and methodological innovations affecting the conduct of research in contemporary archaeology.

856. Methodology of Anthropological Research
Winter. 3(3-0) Second year graduate student or approval of department.
Seminar in problems of anthropological investigation 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. Ethnographic Analysis
Fall of even-numbered years. 4(4-0)
Approval of department.
Methodological and theoretical issues and approaches to analysis of the ethnographic monograph.

860. Anthropological Theory
Fall of odd-numbered years. 4(4-0)
Approval of department.
Development of contemporary anthropological theory from 18th and 19th century foundations. Major paradigms in current anthropology, emphasizing critical issues and problems in theory.

861. Religion and Ritual
Winter of even-numbered years. 3(3-0)
Approval of department.
Anthropological theories and crosscultural analyses of the significance of religion and ritual and patterns of their variation among world cultures.

862. Theories of Sociocultural Change
Winter of even-numbered years. 3(3-0)
Approval of department.
Anthropological theories concerning change in sociocultural systems and relationships. Major theorists in sociocultural change and the development of theory. Methods of analysis and their applications.

863. Class and Ethnicity in Social Differentiation
Spring of odd-numbered years. 4(4-0)
Approval of department.
Anthropological theories on nature and sources of social differentiation and inequalities within cultures and ethnic communities. Class and ethnic identity in their cultural contexts.

864. Gender, Age and Social Differentiation
Fall of odd-numbered years. 4(4-0)
Approval of department.
Anthropological theories on nature and sources of social differentiation and inequality within cultures and ethnic communities, emphasizing gender and age distinctions in their cultural contexts.

865. Cultural Ecology
Spring of even-numbered years. 4(4-0)
Approval of department.
Relationship of human populations to their ecosystems; comparative analysis of roles of technology and culture in mediating environmental adaptation; processes of change; case studies of technologically induced sociocultural change.

869. Social Impact Analysis and International Development
Spring of odd-numbered years. 4(4-0)
Approval of department. Interdepartmental with the Department of Sociology.

872. Seminar in Special Subject Fields
(MTC)
Fall, Winter, Spring. Summer. 2 to 6 credits. May reenroll for a maximum of 24 credits when new fields are offered. Approval of department.
Special fields of study will include any area of anthropology selected.

874. Seminar in Economic Anthropology
Winter of odd-numbered years. 4(4-0)
ANP 474 or approval of instructor.
Issues, problems, theories and current research in anthropological analyses of nonindustrial economies and their relationship to rest of culture. Emphasizes primitive, peasant cultures before and since emergence of capitalism.

875. Individual Research Projects
Fall, Winter, Spring. Summer. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.

880. Individual Readings
Fall, Winter, Spring. Summer. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.

999. Doctoral Dissertation Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

ARABIC
See Linguistics and Germanic, Slavic, Asian and African Languages.

ART

College of Arts and Letters

History of Art

HA

205. Purposes of Art (A)
Fall, Winter, Spring. 3(3-0) Not open to majors.
Individual paintings, sculptures, and architectural works examined intensively for their reflections of cultural life, especially in the Western World, as well as for their formal and stylistic qualities.

206. History of Western Art: The Ancient World (A)
Fall, Winter, Spring. 4(4-0)
The art and architecture of the ancient world and their significance as a vehicle of expression of changing values in the cultural milieu discussed.

207. History of Western Art: The Middle Ages and the Renaissance (A)
Fall, Winter, Spring. 4(4-0)
Changes in style and concept in art and architecture, and the significance of these changes in the cultural and social life of the Medieval and Renaissance periods.

208. History of Western Art: The Baroque to the Present (A)
Fall, Winter, Spring. 4(4-0)
The nature and significance of art in the modern period as an extension of church and state, as an expression of revolution, and as a symbol of individualism.