Anthropology (ANTH)

Courses

ANTH 409. Ancient Maya Writing, Language and Culture. 3 or 4 hours.
Recent trends in Maya epigraphy, information gained from Maya hieroglyphs, linguistics, and historical ethnographies are applied to anthropological analyses of past lifeways. Course Information: Same as LALS 409. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; and consent of the instructor.

ANTH 411. Urban Cultural Problems. 3 or 4 hours.
A study of the processes of urbanization and of cultural and social adjustments to the city; illustrated by case studies. Course Information: 3 undergraduate hours. 4 graduate hours.

ANTH 413. Social Organization. 3 or 4 hours.
Theory and method in the study of kinship and social organization, for advanced undergraduate and graduate students. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 213 or graduate standing or consent of the instructor.

ANTH 414. Symbolic Anthropology. 3 or 4 hours.
The interpretation of cultures through their ritual, religions, culture and other types of symbolism. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 101 or consent of the instructor.

ANTH 415. Foundations in Anthropology and Global Health I. 3 or 4 hours.
Explores the field of cultural medical anthropology and provides a theoretical foundation allowing for understanding and exploration of anthropology's role in international health. Course Information: Same as IPHS 415. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of B or better in ANTH 216; and junior standing or above; or consent of the instructor.

ANTH 416. Foundations in Anthropology and Global Health II. 3 or 4 hours.
Provides an evolutionary and biocultural approach to human biology, physiology, health and disease. Course Information: Same as IPHS 416. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of B or better in ANTH 232; and junior standing or above; or consent of the instructor.

ANTH 417. Marxist Approaches to Anthropology. 3 or 4 hours.
Issues concerning Marx's theories on primitive societies, the development of his evolutionary model from Morgan's work, and current use of Marxist concepts in anthropology. Course Information: 3 undergraduate hours. 4 graduate hours.

ANTH 418. Ethnographic and Qualitative Research Methods. 3 or 4 hours.
Practical introduction to the techniques of social scientists for research in natural social settings: participant observation/non-participant observation, interviewing, use of documentary sources, etc. Course Information: Same as GEG 418. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above.

ANTH 420. Seminar in Archaeology and Ethnography. 3 or 4 hours.
Case studies of investigations in archeology using research monographs and other primary sources. Substantive data and related theoretical problems are examined simultaneously. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 15 hours. Prerequisite(s): Junior standing or consent of the instructor.

ANTH 423. Andean Prehistory. 3 or 4 hours.
An overview of the cultural evolution of the Andean region from the arrival of the first inhabitants to the development of the Inca empire. Course Information: Same as LALS 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 228 or ANTH 269; or consent of the instructor.

ANTH 424. Violence. 3 or 4 hours.
Explores how men and women have experienced violence historically and in modern times. Students examine how violence is perpetrated through words, pictures, physical harm, and silences. Course Information: Same as CLJ 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CLJ 101 and CLJ 200.

ANTH 425. Field Techniques in Archaeology. 4 hours.
Exposure to field methods in archaeology through participation in an actual research project. Students are instructed in field excavation techniques. Usually offered in summer session. Course Information: Same as GEG 425. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 426 or GEG 426. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Practice.

ANTH 426. Laboratory Techniques in Archaeology. 4 hours.
Exposes students to laboratory methods in archaeology through the analysis of excavated materials. Students are instructed in laboratory techniques. Course Information: Same as GEG 426. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 425 or GEG 425. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANTH 427. Theory and Application in Ethnoarchaeology. 3 or 4 hours.
Focuses on the application of experimental and ethnographic information to enhance our understanding of the archaeological record, material culture, and past human behavior. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One 100- or 200-level archaeology course; or graduate standing and consent of the instructor.

ANTH 428. Chieftdoms. 3 or 4 hours.
Focus on traditional non-state, yet complex, societies known as "chieftdoms." Examine the organization and evolution of such societies through a combination of ethnoarchaeological, historical and archaeological data. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 101 or ANTH 102; or consent of the instructor.

ANTH 429. Archaeological Methods. 3 or 4 hours.
This course will familiarize students with various methodologies used by archaeologists and geo-archaeologists. Course will concentrate on a different method each time it is taught. Course Information: Same as GEOG 429. 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s). Students may register for more than one section per term.

ANTH 430. Seminar in Primate Biology. 4 or 5 hours.
Theoretical and substantive issues in the study of non-human primates and hominids, as represented in current journals and topical volumes. Course Information: 4 undergraduate hours. 5 graduate hours. May be repeated up to 2 time(s). Students may register for more than one section per term.
ANTH 432. Mortuary Archaeology. 3 or 4 hours.
Provides a cross-cultural survey of mortuary customs, an overview of general theoretical approaches and a critical analysis in the study of mortuary customs and human remains in archaeological contexts. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Undergraduates only: Grade of C or better in ANTH 237. Recommended background: Undergraduates only: 200-level courses in archaeology and cultural anthropology.

ANTH 437. Bioarchaeology. 5 hours.
Provides an overview of mortuary theory and the bioarchaeological methods used to study health and disease, diet, activity patterns, kinship and cultural practices in archaeological populations. Course Information: Prerequisite(s): Grade of B or better in ANTH 237; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 438. Reproductive Ecology. 3 or 4 hours.
Utilizes an evolutionary framework to consider both proximate (physiological) and ultimate (evolutionary) explanations for the relationship between female and male reproductive patterns and environmental challenges. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Grade of B or better in ANTH 238, and graduate or professional standing; or consent of the instructor.

ANTH 440. The Experience of Culture Difference: Culture Shock. 3 or 4 hours.
Explores experience of different cultures, the process of learning a different culture, and issues arising from the nature of the encounter in fieldwork. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): One course in social or cultural anthropology, or experience in another culture.

ANTH 441. Psychoanalytic Anthropology I: Cross-Cultural Theory. 3 or 4 hours.
Introduction for social scientists to psychoanalytic theory and methods including Freud's theories and more recent developments. Crosscultural tests and applications of psychoanalytic theories. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): One course in anthropology or psychology; or consent of the instructor.

ANTH 442. Psychoanalytic Anthropology II: Cross-Cultural Applications. 3 or 4 hours.
Explores ways in which anthropologists and analysts have used psychoanalysis to understand individuals, practices and institutions of other cultures. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): ANTH 441 or consent of the instructor.

ANTH 444. Dreams, Dreaming and Dream Beliefs. 3 or 4 hours.
The dreaming experience examined from the point of view of psychological interpretation, laboratory experiments and anthropological study of dreams in other cultures. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): One course in anthropology or psychology and junior or senior standing, or consent of the instructor.

ANTH 445. Structuralism in Anthropology. 3 or 4 hours.
Explores the theoretical approach offered by structuralism emphasizing that elements of culture must be understood in terms of their relationship to the entire system. Course Information: 3 undergraduate hours; 4 graduate hours.

ANTH 447. Anthropology of Social Movements. 3 or 4 hours.
Examines the causes of social change from the perspective of sociocultural anthropology. An ethnographic approach to political life, how communities describe and enact their experiences as individuals and citizens. Course Information: 3 undergraduate hours; 4 graduate hours.

ANTH 448. Urban Cultures of Africa. 3 or 4 hours.
A study of the indigenous urban centers of sub-Saharan Africa; the multicultural cities of colonial and contemporary Africa, and the processes of detribalization. Course Information: 3 undergraduate hours; 4 graduate hours.
ANTH 476. Rise and Fall of the Inca Empire. 3 hours.
Using an integration of ethnographic, historical, and archaeological information, this course is designed to provide a thorough introduction to the study of the Incas. Course Information: Prerequisite(s): Sophomore standing or above.

ANTH 477. Remote Sensing of the Environment. 4 hours.
Principles and practices of processing and interpretation of remotely sensed imagery including aerial photographs, radar and multispectral satellite images. Hands-on use of image-processing software. Course Information: Same as GEOG 477. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 478. Paleoindians and Peopling of the Americas: From Alaska to Tierra del Fuego. 3 or 4 hours.
Summarizes current knowledge of the first migration of humans to the New World, analyzes its significance, and evaluates the controversies. Course Information: 3 undergraduate hours. 4 graduate hours.

ANTH 479. Culture and Colonialism in South Asia. 3 or 4 hours.
Examines the emergence of colonial cultures of domination and resistance on the Indian subcontinent from the eighteenth century to 1947. Course Information: Same as ASST 479 and HIST 479. 3 undergraduate hours. 4 graduate hours.

ANTH 480. Sociolinguistics. 3 or 4 hours.
Variations in language that correlate with variation in societies and smaller social groups; interactions of languages and societies. Course Information: Same as LING 480. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): LING 405; and junior standing or above; or consent of the instructor.

ANTH 481. Geographic Information Systems I. 4 hours.
Components and performance properties of geographic information systems. Geographic hierarchies and data structures. Problems and solutions in handling large geographic files. Geocoding. Course Information: Same as GEOG 481. Prerequisite(s): GEOG 100 and one from GEOG 278, GEOG 386, IDS 100; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 482. Geographic Information Systems II. 4 hours.
Application of raster (or grid) based geographic information systems to the spatial analysis of landscapes. Course Information: Same as GEOG 482. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANTH 483. Geographic Information Systems III. 4 hours.
Problems encountered in the analysis and portrayal of geographic data. Topics include taxonomy, regionalization, trend surface analysis, time series, markov probabilities, and computer cartographic procedures for displaying output from analytic procedures. Course Information: Same as GEOG 483. Prerequisite(s): GEOG 482 or ANTH 482 or consent of the instructor.

ANTH 490. Independent Study. 1-6 hours.
Independent reading under the supervision of a faculty member. Course Information: May be repeated to a maximum of 8 hours with approval. Students may register in more than one section per term. Prerequisite(s): Junior standing and consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

ANTH 494. Special Topics in Anthropology. 3 or 4 hours.
Reading, study, and discussion of selected problems for graduate students and majors in anthropology. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Junior standing or approval of the department.

ANTH 496. Internship. 1-4 hours.
Professional field experience with an agency or organization in the private or public sector on projects related to the student's area of specialization. Course Information: Same as GEOG 496. May be repeated to a maximum of 8 hours. Only 4 hours of credit may be applied toward the Minor in Geography. Prerequisite(s): Declared major in anthropology, minor in geography or full graduate standing in anthropology or geography and consent of the faculty advisor, head of the department, or the director of internship programs. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

ANTH 500. Social and Cultural Theory I. 4 hours.
Historical survey of approaches to field and library research in anthropology.

ANTH 501. Social and Cultural Theory II. 4 hours.
Continuation of Anthropology 500. Course Information: Prerequisite(s): ANTH 500.

ANTH 502. Theory and Method in Archaeology. 4 hours.
Middle-range and general theory in prehistoric archaeology: the reconstruction of prehistoric economic, social, and political systems; cultural materialism and its critiques; cultural ecology and systems theory; social evolution.

ANTH 503. Hominid, Phylogeny and Adaptations. 5 hours.
Data, methods, and approaches for reconstruction of genealogical relationships of species; interpretation of adaptations of extinct species in an evolutionary context.

ANTH 504. Research Design and Grant Writing. 4 hours.
Each student will produce a research grant proposal, similar in style and length to an NSF proposal. Course Information: May be repeated. Prerequisite(s): Approval of the department.

ANTH 510. Seminar in Social Organization. 4 hours.
Theoretical and substantive issues about how societies are organized. Course Information: Same as GEOG 510. May be repeated to a maximum of 12 hours.

ANTH 514. Gender Issues in Cross-Cultural Perspectives. 4 hours.
Selected substantive and theoretical issues in the cross-cultural study of gender roles, conceptions, and relations. Course Information: Same as GWS 514. Prerequisite(s): ANTH 500 or consent of the instructor.

ANTH 516. Anthropology and Global Health Integrative Seminar. 4 hours.
Critical examination of global health issues from social science and public health perspectives. Includes consideration of cultural underpinnings, geo-political influences, design of appropriate and effective interventions, and policy formation. Course Information: Same as IPHS 516. Prerequisite(s): Graduate or professional standing; and consent of the instructor.

ANTH 520. Seminar in Archaeological Theory and Method. 4 hours.
Theoretical and substantive issues in the study of prehistory and the recovery and interpretation of the archaeological record. Course Information: May be repeated. Prerequisite(s): ANTH 502 or consent of the instructor.
ANTH 521. Analysis of Stone Artifacts. 4 hours.
Analyzing stone objects. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

ANTH 530. Seminar in Physical Anthropology. 5 hours.
A critical examination of current literature on methods and theories dealing with the evolution of primate biology and behavior. Course Information: May be repeated. Students may register in more than one section per term.

ANTH 531. Anthropological Genetics. 4 hours.
Basic overview of genetic theory and techniques, followed by a survey of the contributions of human genetics to human adaptation and evolution. Course Information: Prerequisite(s): Grade of B or better in ANTH 508 or grade of B or better in BIOS 220; or consent of the instructor.

ANTH 532. Advances in Ancient DNA. 4 hours.
Basic techniques and special concerns in the application of molecular biology techniques to the study of ancient DNA, followed by a discussion of recent advances and contributions to the field. Course Information: Prerequisite(s): Grade of B or better in ANTH 531 or grade of B or better in BIOS 220.

ANTH 533. Lab Methods for Ancient DNA. 2 hours.
Provides students with laboratory training in molecular biology techniques commonly used in studies of ancient DNA. Course Information: Prerequisite(s): Consent of the instructor.

ANTH 534. Dental and Medical Anthropology Within Human Evolution. 1-3 hours.
Studies the biological and physical anthropology of hominid teeth and the craniofacial complex with relevant medical anthropology, ethno-pharmacology, forensic sciences, and paleo-pathology topics. Course Information: Same as OSCI 534 and PMPG 534. Field work required. A lab experience, independent study and a research paper is required for 3 hours of credit. Prerequisite(s): Graduate standing and consent of the instructor.

ANTH 535. Landscape Archaeology and GIS. 4 hours.
Study of the space between settlements; meanings these spaces have for peoples of the past and today; theoretical approaches to landscape; methods for archaeological landscape analysis through GIS and remote sensing techniques. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Lab.

ANTH 536. Regional Application of Anthropology. 4 hours.
Application of a specific theory or the testing of competing theoretical frameworks to data provided by one of the major geographical or cultural areas of the world. Emphasis on deductive reasoning and the derivation and testing of hypotheses with data from several cultures of a single culture area. Course Information: May be repeated.

ANTH 537. Readings in Anthropology and Global Health. 1-8 hours.
Student along with his/her advisor will develop a series of readings focused on a specific topic of interest to the student. Course Information: Same as IPHS 591. May be repeated up to 1 time(s). Prerequisite(s): Consent of the instructor.

Research and methods class combined with practical fieldwork in Anthropology and Global Health. Course Information: Same as IPHS 592. May be repeated to a maximum of 8 hours. Field work required. Prerequisite(s): Consent of the instructor.

ANTH 539. Special Topics in Anthropology and Global Health. 4 hours.
Covers special topics in Anthropology and Global Health. Course Information: Same as IPHS 593. May be repeated if topics vary. Prerequisite(s): Graduate or professional standing; and consent of the instructor.

ANTH 540. Special Topics in Anthropology. 4 hours.
Study of a selected topic in anthropology. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term.

ANTH 541. Graduate Seminar in Anthropology. 1 hour.
Presentations of current research by faculty followed by student discussion. Course is to be taken during student's first year in the graduate program as one of the core courses. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the graduate program in anthropology.

ANTH 542. Independent Study. 2-6 hours.
Independent research is done under the supervision of a faculty member. Course Information: May be repeated to a maximum of 12 hours with approval. Students may register in more than one section per term. Approval to repeat course granted by the department. Prerequisite(s): Consent of the instructor.

ANTH 543. Project Research. 2-6 hours.
The student will do an independent research project with the aid of a faculty advisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

Research on doctoral dissertation topic. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Advancement to candidacy for the Ph.D. in Anthropology.