

## 2011-13 Cal Poly Catalog

### Social Sciences Department

#### ANT-ANTHROPOLOGY

##### ANT 200 Special Problems for Undergraduates (1-4)

Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 8 units, with a maximum of 4 units per quarter. Prerequisite: Consent of department head.

##### ANT 201 Cultural Anthropology (4) GE D3

Contemporary human cultures throughout the world. General patterns sought within the diversity of individual cultures. Includes such topics as: family organization; gender roles; adaptation to the environment; systems of economic exchange; political organization and leadership; religious beliefs and values; ethnicity and cultural pluralism; impact of Western culture on the developing world. 4 lectures. Fulfills GE D3.

##### ANT 202 World Prehistory (4) GE D3

Development of the diverse human cultures of both the Old and New Worlds from the emergence of the first human ancestors (hominins) to the dawn of history; biological evolution, global cultural development, and adaptation before the advent of writing. 4 lectures. Fulfills GE D3.

##### ANT 250 Biological Anthropology (4) GE B2

Biological aspects of human unity and diversity. Primate and human evolution, including anatomical, physiological and behavioral adaptations. Origin and diversity of modern races. 4 lectures. Fulfills GE B2.

##### ANT 270 Selected Topics (1-4)

Directed group study of selected topics. The Schedule of Classes will list title selected. Total credit limited to 8 units. 1 to 4 lectures. Prerequisite: Open to undergraduate students and consent of instructor.

##### ANT 309 Elements of Archaeology (4)

Archaeological method and theory covering the history and development of archaeological thought, approaches to data recovery, dating and analysis of artifacts and ecofacts, the construction of models of prehistoric human behavior through application of archaeological and anthropological theories. 4 lectures. Prerequisite: ANT 202 or consent of instructor.

##### ANT 310 Archaeological Field Methods (4)

Hands-on introduction to the methods and techniques of archaeology with an emphasis on excavation. Training in artifact and ecofact identification with a focus on lithic technology. Practical field experience with hand tools, and stratigraphic interpretation. Methodological approaches to both academic research questions and compliance with environmental planning mandates. 3 lectures, 1 laboratory. Prerequisite: ANT 202 or ANT 309, or consent of instructor.

##### ANT 311 Archaeological Laboratory Methods (4)

Hands-on introduction to the methods employed in post-field processing, classification, analysis, and preservation of archaeological materials. Compilation of quantitative and qualitative information in data base format to assist in the classification and interpretation of faunal remains and artifacts. 3 lectures, 1 laboratory. Prerequisite: ANT 309 or ANT 310.

##### ANT 312 Introduction to Cultural Resources Management (4)

Introduction to federal, state, and local legislation pertinent to the identification, evaluation, and treatment of cultural resources. A history of preservation legislation, culminating with detailed discussion of Section 106 of the National Historic Preservation Act and the California Environmental Quality Act. Practical experience in orienteering, map-reading, and simple cartography. 4 lectures. Prerequisite: ANT 201, ANT 202 or ANT 309, or consent of instructor.

##### ANT 320 California's Native Past (4)

Overview of the paleoenvironment, prehistory, archaeology, and ethnography of Native California. The last 12,000 years of California's past from the arrival of the first human beings to the establishment of Spanish settlements in 1769, and the demise of native societies. 4 lectures. Prerequisite: ANT 202 or consent of instructor.

##### ANT 325 Precolumbian Mesoamerica (4) GE D5

Cultures of Mesoamerica (Mexico and Central America) from earliest times to the Spanish Conquest. Olmec, Teotihuacano, Zapotec, Maya and Aztec civilizations. Major topics include religion, politics, warfare, art, writing,

calendrics, ecology and trade. 4 lectures. Prerequisite: Completion of GE Area A, one course in D2 and one course in D3. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors.

##### ANT 330 Indigenous South Americans (4) GE D5

Indigenous peoples of South America from the past to the present. Cross-cultural study of small band societies, tribes and large civilization states located from the Amazon basin to the Altiplano. Comparison of current state of indigenous rights and place in modern society. 4 lectures. Prerequisite: Completion of GE Area A and two lower-division Area D courses. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors.

##### ANT 344 Sex, Death, and Human Nature (4) GE D5

How Darwinian processes of differential reproduction and mortality influence human interests, passions and behaviors. Theories of inclusive fitness, parental investment and senescence. Sex differences, sexual attraction, life histories, violence and aggression, including rape, homicide and infanticide. 4 lectures. Prerequisite: Completion of GE Areas A, D3, and B2. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors.

##### ANT 345 Human Behavioral Ecology (4) GE D5

Biological and cultural influences of natural and sexual selection on individual behavior. Ecological effects on human behavior to reproduce and acquire resources. Scientific method for understanding foraging behavior, group living, social skills, kinship, parenting, religion, and mating. Cross-cultural, cross-sex, and cross-species comparisons. 4 lectures. Prerequisite: Junior standing; completion of GE Area A, one course in B2 and one lower-division Area D course. Fulfills GE D5 except for Social Sciences majors.

##### ANT 360 Human Cultural Adaptations (4) GE D5

Social and cultural evolution from Paleolithic times to the present. Interactions of demographic, economic and ecological factors are emphasized. Main topics include human nature/culture, sex and gender, cooperation and conflict, the "agricultural revolution", state formation, social inequality and globalization. 4 lectures. Prerequisite: Completion of GE Area A, one course in D2 and one course in D3. Recommended: Junior standing. Fulfills GE D5 except for Social Sciences majors.

##### ANT 400 Special Problems for Advanced Undergraduates (1-4)

Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 8 units, with a maximum of 4 units per quarter. Prerequisite: Consent of department head.

##### ANT 401 Culture and Health (4)

Global perspective on the relationship between culture and health. Ecological factors influencing health and illness. Origins of disease and impact of diseases on society. Diet and nutrition. Classifications of illness causation. Kinds of cures. Relationship of gender and reproduction to illness. Pharmacology. Mental illness. Global health problems. Alternative health care modalities. Health-care needs of U.S. ethnic groups. 4 lectures. Prerequisite: Junior standing; completion of ANT 201 and ANT 250; OR graduate standing.

##### ANT 402 Nutritional Anthropology (4)

Interrelationships of sociocultural and ecological factors and their influence on nutrition and human health in developing and developed country contexts. Topics include human adaptation, nutritional assessment, food production and allocation, the effect of development on diet and health. 4 lectures. Prerequisite: Junior standing; completion of GE Area A and ANT 201, or consent of instructor. Recommended: ANT 250.

##### ANT 415 Native American Cultures (4) USCP

Survey of Native American cultures from earliest times to present, emphasizing regional diversity in traditional lifeways. Origins of New World peoples, domestication, war, social organization, trade and gender roles. 4 lectures. Prerequisite: One upper division ANT course or consent of instructor. Fulfills USCP.

##### ANT 455 Anthropology-Geography Research Design and Methods (4)

Development of knowledge and skills needed to conduct original scientific anthropology-geography research and prepares students for senior projects. Various empirical methodologies highlighted, with a focus on quantitative design and measurement of human culture, biology, behavior, environment and ecology. 3 lectures, 1 laboratory. Prerequisite: Completion of one GE B2 and two upper division ANT or GEOG classes. *Crosslisted as ANT/GEOG 455.*

##### ANT 461, 462 Senior Project I, II (2) (2)

Selection and completion of a project under faculty supervision. Projects typical of problems which graduates must solve in their fields of employment. Project results are presented in a formal report. Minimum 120 hours total time. Prerequisite: Senior standing or consent of instructor.

**ANT 464 Professional Preparation for Anthropologists/  
Geographers (1) (CR/NC)**

Preparation for professional advancement in the fields of anthropology and geography. Supervised career planning emphasizing resume development, selection of an internship or international experience, exploration of career options and graduate programs. Lectures from outside, practicing professionals. Credit/No Credit grading only. 1 seminar. Prerequisite: Junior standing, ANT 201, GEOG 150.

**ANT 465 Internship (3–8) (CR/NC)**

Supervised training, research, and work in public and private organizations. Credit/No Credit grading only. Total credit limited to 18 units. Prerequisite: ANT 464, senior standing and/or consent of instructor.

**ANT 470 Selected Advanced Topics (1–4)**

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Schedule of Classes will list title selected. Total credit limited to 8 units. 1 to 4 lectures. Prerequisite: Consent of instructor.