INTRODUCTION

Anthropology is the scientific and humanistic study of humans, our ancestors and our nonhuman primate relatives. Anthropologists are interested in a wide range of human activities, including communication and language, economics, political organization, religion, the arts, philosophy, education, health and nutritional practices, social organization, marriage, child rearing and development, science and technology. Anthropology fosters the study of people from all over the world as they live now, and in the prehistoric and historic past. A major goal of anthropology is to understand people living in relationship with their environment. Through an integrative analysis of evolution, adaptation and variation in terms of biology, culture, language and behavior, anthropologists understand the totality of the human experience. In our department, the four subfields of anthropology emphasize: application of evolutionary theory to understanding behavioral and physiological interaction with their ecological, social and cultural contexts; cultural practices and beliefs; development and use of language and symbols; and evidence regarding these areas from past times. Faculty also focus on areas such as primate conservation, cultural resource management and applied anthropology.

The major in Anthropology is designed to prepare students for advanced degrees in Anthropology, as well as for positions in the private and public sector. Social service, marketing research, museum work, health professions, cultural resources management, primate conservation and international development are some of the areas that offer many opportunities for anthropology graduates.

LEARNING GOALS AND STUDENT LEARNING OUTCOMES

The following learning goals and learning outcomes have been established for students pursuing a degree in Anthropology:

Information, Communication and Leadership Skills

- Identify and access information resources and technology to research current issues in all four subfields of anthropology
- Produce written communication that is characterized by clarity, insight, the proper citation of sources and strict adherence to the basic rules of grammar, syntax and spelling
- Produce written communication that interprets information in an effective manner
- Demonstrate leadership and teamwork in a diverse environment

Interpret, Analyze and Synthesize

- Apply the holistic and comparative perspective inherent in anthropological knowledge to real world problems
- Apply the principles of neo-Darwinism and evolutionary ecology to understand adaptation, variation, and evolution in the human lineage
Discriminate among anthropological theories on a continuum from universalism to relativism

- Analyze the elements of cultural identity for a specific group
- Interpret past human activity using anthropological theory and the principles of archeological fieldwork
- Evaluate the effect of ecological conditions on human behavior and adaptation as well as the impact of human activity on the environment

**Ethics**
- Understand and apply professional and ethical standards in research design and implementation

**Research Skills and Knowledge**
- Develop research question or problem statement within a theoretical framework
- Compare and select appropriate research design and methods
- Identify appropriate sampling frame
- Perform data collection and analysis both quantitative and qualitative specific to all four subfields of anthropology

**International Aspects of Anthropology**

Anthropology is inherently international in scope, drawing on worldwide, cross-cultural comparisons for understanding culture and what it means to be human. We offer an inter-disciplinary perspective to promote an understanding of globalization and trans-nationalism. The department encourages study in different cultures and will provide, where appropriate, academic credit for participation in academic programs and supervised research abroad.

**BACHELOR OF ARTS IN ANTHROPOLOGY (120 UNITS)**

The Bachelor of Arts in Anthropology requires 45 units for the major, consisting of core courses, upper-division courses and elective coursework. A "C" (2.0) average and a "C-" (1.7) or better is required in all courses applied to the major. ANTH 480 and 481 fulfill the university's upper-division writing requirement for Anthropology, and each must be passed with a "C" (2.0) or better.

**Core Courses (15 units)**
- ANTH 101 Introduction to Biological Anthropology (3)
- ANTH 102 Introduction to Cultural Anthropology (3)
- ANTH 103 Introduction to Archaeology (3)
- ANTH 480 History of Anthropology (3)
- ANTH 481 Contemporary Anthropology (3)

**Upper-Division Courses (9-30 units)**
- Any 400-level course in anthropology is an upper-division course that may be applied to the major.

**Electives (0-21 units)**
- Any 100- or 300-level course in anthropology may be used by majors as electives.

Under certain circumstances, with the approval of the adviser or department chair, up to six units may be accepted from related disciplines.

*Note:* Upper-division, 400-level courses are intended for junior, senior and graduate students. Courses under Electives in Anthropology are 100- or 300-level and may be taken by all students.

**MINOR IN ANTHROPOLOGY (21 UNITS)**

**Core Courses (15 units)**
- ANTH 101 Introduction to Biological Anthropology (3)
- ANTH 102 Introduction to Cultural Anthropology (3)
- ANTH 103 Introduction to Archaeology (3)
- ANTH 480 History of Anthropology (3)
- ANTH 481 Contemporary Anthropology (3)

**Additional Courses (6 units)**
- Six units of 300- or 400-level courses in anthropology

**MASTER OF ARTS IN ANTHROPOLOGY (30 UNITS)**

The program offers advanced study of general anthropology, while simultaneously encouraging specialization in one (or more) of the anthropological subdisciplines: archaeology; cultural anthropology; anthropological linguistics; and evolutionary anthropology. Opportunities for field and laboratory research, and other related learning experiences permit students to enlarge upon formal classroom training and work independently with original data. Students may pursue a thesis or project of either a traditional or more exploratory character. Efforts are made to assist individuals to plan programs that will meet their individual needs and interests.

**Application Deadlines and Procedure**

There are two steps in the application process: (1) apply online to the university (see csumentor.edu); and (2) apply to the department, in care of the Graduate Program Adviser (see anthro.fullerton.edu/Grad.htm). Arrange to have two letters of recommendation sent to the Graduate Program Adviser. Please check with the graduate adviser for department deadlines.

**Prerequisites**

Students must meet the CSU requirements for admission to a master’s degree program. Please consult the Graduate Admissions section in this catalog for complete information. In addition, admission to conditionally classified standing is contingent upon evaluation and acceptance by the Graduate Affairs Committee.
The Department of Anthropology requires a grade-point average of 3.0 in all undergraduate coursework in anthropology. Students with limited subject or grade deficiencies may be considered for admission to the program if they agree to complete, with at least a "B" (3.0) average, additional courses selected by the Graduate Study Committee. Subject deficiencies must be met prior to candidacy. Students entering the MA program from other fields or other departments of anthropology should discuss appropriate course substitution with the graduate adviser. The department does not permit substitutions for the core courses.

Classification

A student who meets the requirements for conditionally classified graduate standing, as well as the following requirements, will be granted classified graduate standing upon the development of an approved study plan:

- A bachelor's degree with a minimum of 27 units in anthropology, including the following courses or their equivalents

  **Core Courses (15 units)**

  ANTH 101, 102, 103, 480 and 481

  **Additional upper-division courses (12 units)**

  Reading courses and special examinations may be substituted for the additional upper-division coursework in Anthropology.

- A GPA of "B" (3.0) for all work taken in Anthropology.

- Classification review administered by the graduate adviser

**Study Plan**

ANTH 511  Theory and Method in Biological Anthropology (3)

ANTH 512  Theory and Method in Archaeology (3)

ANTH 513  Theory and Method in Cultural/Linguistic Anthropology (3)

ANTH 597  Project (6) or ANTH 598 Thesis (6)

ANTH 504T  Graduate seminars in Anthropology, minimum of three (9 units)

Electives – two courses (6 units). Electives may be additional 504T seminars, ANTH 599 Independent Study or 400-level courses.

For continuation in the program, a "B" (3.0) average, with no grade below "C" (2.0) must be maintained for all work in the study plan.

Students must remain continuously enrolled, either by enrolling in at least one Anthropology course each semester or by enrolling in Graduate Studies 700. Students may request a waiver of this requirement for one or two semesters if professional purposes require absence from campus. A student who is not continuously enrolled will be required to apply for readmission to the program.

A thesis or a project, including an oral examination, must be completed for the degree.

The progress of graduate students will be reviewed prior to classification and again before advancement to candidacy. Students must demonstrate competence in a foreign language or quantitative methods.

For further information, consult the Anthropology graduate program adviser. See also the Department of Anthropology’s website (anthro.fullerton.edu).

**ANTHROPOLOGY COURSES**

Courses are designated as ANTH in the class schedule.

100 Non-Western Cultures and the Western Tradition (3)

Changing views of people, nature and culture in Western civilization as related to the impact of non-Western influences, including the use and interpretation of data on non-Western peoples and cultures. One or more sections offered online.

101 Introduction to Biological Anthropology (3)

Humans as biological organisms from an evolutionary perspective. Concepts, methods, findings and issues in the study of the Order primates, including the relationships among fossil monkeys, apes and humans, and the significance of genetic diversity in modern populations.

102 Introduction to Cultural Anthropology (3)

Nature of culture and its significance. Similarities and differences in human cultures. Analyses of family, economy, subsistence, religion, art and other aspects of culture in diverse societies. Central problems of cultural comparison and interpretation. One or more sections offered online.

103 Introduction to Archaeology (3)

Relationship of archaeology, culture history and process, field methods and analysis of archaeological data; uses and abuses of archaeology. One or more sections offered online.

105 Introduction to Anthropology (3)

Introduction to basic aspects of anthropology’s sub-fields (biological anthropology, archaeological anthropology, cultural anthropology and linguistic anthropology), and to an anthropological view of the world, which is grounded in a respect for cultural differences.

300 Language and Culture (3)

Prerequisite: completion of General Education (G.E.) Category D.1. Language as a factor in culture. Trends in the study of language and culture. One or more sections offered online.

301 Primate Behavior (3)

Prerequisite: ANTH 101,102, PSYC 101 or completion of G.E. Category B.2. Anthropological study of the behavior of primates, including monkeys and apes with data collection in the wild and the laboratory; review and discussion of behavioral characteristics that are part of the primate heritage of humankind. One or more sections offered online.

304 Traditional Cultures of the World (3)

Prerequisite: completion of G.E. Category C.2. Comparative, worldwide survey of traditional, selected and well-studied ways of life using ethnographic writings and films. Examines diverse ways of life, with an emphasis on small-scale societies. One or more sections offered online.
305 Anthropology of Religion (3)
Prerequisite: completion of G.E. Category C.2. Beliefs and practices in the full human variation of religious phenomena, with an emphasis on primitive religions. Forms, functions, structures, symbolism, and history and evolution of religious systems. One or more sections offered as televised course. (Same as CPRL 305)

306 Culture and Art (3)
Prerequisite: completion of G.E. Category C.2. Metaphysical and mystical systems underlying the “grammars” of the art, myths and rituals of various nonliterate and literate peoples and their development into creative experiences.

308 Culture and Aging: Anthropological Gerontology (3)
Prerequisite: completion of G.E. Category D.1. Anthropological discourse on diverse cultural conceptions of aging as they relate to gender, class, ethnic and religious categories. Cross-cultural comparison of culturally patterned time-table of life-cycle and age-grades for understanding the universals and variability in human aging.

310 Urban Anthropology (3)
Prerequisite: ANTH 102. Cross-cultural investigation of similarities and differences in urbanism with an emphasis on current theoretical and methodological perspectives in the study of urban social and cultural forms and processes.

311 Culture and Communication (3)
Prerequisite: completion of G.E. Category C.2. How meanings are created, exchanged and interpreted in both traditional and modern cultures through language, myth and religion, art and architecture, and other means of communication.

313 Culture and Personality: Psychological Anthropology (3)
Prerequisite: completion of G.E. Category D.1. Relationship of culture to the individual. Child-training in non-western cultures. Survey of concepts, studies and research techniques in psychological anthropology.

315 Culture and Nutrition (3)
Prerequisite: ANTH 101, 102 or equivalent. Interrelationships among human nutrition, basic food resources, individual development and socio-cultural organization; assessment of student’s nutritional status, beliefs and practices relative to other cultures. One or more sections offered online.

316 Anthropology of Sex and Gender (3)
Prerequisite: completion of G.E. Category D.1. Human sex and gender roles in cross-cultural perspective and the role that gender plays in human social organization. Topics include cultural construction of gender; homosexuality, rights of women, evolution and gender. One or more sections offered online. (Same as WMST 316)

320 Cultures of Europe (3)
Prerequisite: completion of G.E. Category D.1. Cultural survey of Europe, focusing on the peasant, national and pan-European traditions of Europe. Diverse anthropological approaches are used to examine changing boundaries of European identity from prehistory to the present “European Union.” One or more sections offered online.

321 Peoples of Native North America (3)
Prerequisite: completion of G.E. Category D.1. Native peoples of North America; origins, languages, culture areas, cultural history; the impact of European contacts.

322 Human Behavioral Ecology (3)
Prerequisite: completion of G.E. Category B.2. Using modern evolutionary theory, students will examine human biological and cultural diversity through an analysis of comparative socioecology. Topics covered include reproduction and marriage, the family, childhood, population growth, and conservation. Computer labs utilizing eHRAF. One or more sections offered online. (Same as BIOL 322)

325 Peoples of South America (3)
Prerequisite: completion of G.E. Category D.1. Cultural survey of South America. Representative cultural areas before and after contacts with Western countries.

327 Origins of Civilizations (3)
Prerequisite: completion of G.E. Category B.1 or B.2. Development of civilization in the Old and New Worlds in primary centers such as Mesopotamia, Egypt, the Indus Valley, China, Mesoamerica and Peru, and secondary centers such as the Aegean and Europe. One or more sections offered online.

328 Peoples of Africa (3)
Prerequisite: completion of G.E. Category D.1. Cultural survey of Africa. Description of selected cultures and aspects of culture before and after contact with non-Africans.

329 Peoples of the Caribbean (3)

332 Women in Cross-Cultural Perspective (3)
Prerequisite: completion of G.E. Category B.2 or D.1. Cross-cultural comparison of beliefs, values, expectations and socially defined roles for women in diverse societies. Changing role of women in industrial societies.

333 Anthropology of Childhood (3)
Prerequisite: completion of G.E. Category B.2 or D.1. Using a biocultural perspective, examines the form and experiences of childhood using a comparative, evolutionary, cross-cultural approach. Topics: work and play; evolutionary and cultural influences on children’s development trajectories; role of children. Computer labs with eHRAF.
340 Peoples of Asia (3)  
Prerequisites: completion of G.E. Categories B.2. and D.1. Asian civilizations and cultural traditions: personality configurations in different culture areas; structure of Asian civilizations; and peasant, tribal and ethnic groups of Asia. One or more sections offered online.

342 Anthropology and Health (3)  
Prerequisites: completion of G.E. Category B.2 and D.1. Uses an evolutionary, comparative, and cross-cultural perspective to understand the process and conception of health in different times, places and societies. Topics include evolutionary medicine, health beliefs, health ecology, culture and health. One or more sections offered online. Computer labs utilizing eHRAF.

343 Human Osteology (3)  
Prerequisite: ANTH 101 or equivalent. Techniques in basic identification of human skeletal remains. Aging, sexing, racing and stature reconstruction. For those interested in archaeology, hominid evolution and/or forensic science. One or more sections offered online. (2 hours lecture, 3 hours laboratory)

344 Human Evolution (3)  
Prerequisite: ANTH 101 or completion of G.E. Category B.2. Advanced primate evolution; the origin of Homo sapiens as evidenced in the fossil record and through biochemical and molecular studies. Evolutionary theory and problems in human evolution. One or more sections offered online. (2 hours lecture, 3 hours laboratory)

345 Peoples of the Middle East and North Africa (3)  
Prerequisite: completion of G.E. Category D.1. Interrelationships between culture, economy, political structure and belief system of selected cultures in the Middle East and North Africa.

347 Peoples of the Pacific (3)  
Prerequisite: completion of G.E. Category D.1. Indigenous peoples and cultures of the Pacific Islands, including Tahiti, Hawaii and Australia. Forces and processes contributing to social change in island communities and current problems being faced by them. One or more sections offered online.

350 Culture and Education (3)  
Prerequisite: completion of G.E. Category D.1. Transmission of values, implicit cultural assumptions and the patterning of education in cross-cultural perspective. American culture and development problems.

356 Contemporary American Culture (3)  
Prerequisite: completion of G.E. Category D.1. Application of anthropological methods, categories of analysis and types of interpretation to American culture. Survey and critique of selected community studies and other kinds of relevant research.

370 Anthropology of Non-Western Films (3)  
Prerequisite: ANTH 100, 102 or 304. Comparative analytical study of commercial and non-commercial films and videos made by non-western people. Films and videos considered as cultural artifacts that are particularly revealing of the ways people conceive of themselves and their cultures.

380 The Ancient Maya (3)  
Prerequisites: ANTH 102, 103. Archaeology and ethnohistory of the Maya area of Southern Mesoamerica. Problems of initial settlement of the area and the “rise” and dynamics of ancient Maya civilization.

381 The Aztecs and Their Predecessors (3)  
Prerequisites: ANTH 102, 103. Archaeological survey of principal Mesoamerica pre-Columbian cultures north and west of the Maya area. Aztecs and their predecessors, religion, art, architecture, intellectual achievements and the Olmec heritage. One or more sections offered online.

382 Archaeology of the Southwest (3)  
Prerequisite: ANTH103. Archaeological ruins of the American Southwest – remains of ancient pueblos and cliff dwellings. Prehistory, ethnohistory and ethnographic record of ancient and contemporary Native American peoples of the Southwest over the past 11,000 years.

383 Prehistoric North America (3)  
Prerequisite: ANTH 103. Change, development and diversity of adaptations of North American Indian cultures prior to European colonization. Uses archaeological data to describe and explain long-term processes of cultural change during ancient times in North America. One or more sections offered online.

400 Qualitative Methods in Anthropology (3)  
Prerequisite: ANTH 102. Qualitative methods used in the systematic analysis of culture; diverse methodologies used in various frameworks, including, but not limited to, semiotic, phenomenological and interpretive anthropology.

401 Ethnographic Field Methods (3)  
Prerequisites: ANTH 102 and six additional units of anthropology. Anthropological field research by students on various problems using participant observation techniques.

402 Museum Science (3)  
Prerequisite: ANTH 101, 102 or 103. Methods, principles and techniques used in natural history, and small scientific and historical museums. Subjects covered include scope of exhibit and research collections, care and repair of specimens, acquisitions, storage and preparation of presentations in anthropological, historical, biological and paleontological museums.
403 Archaeological Fieldwork (3)
Prerequisites: ANTH 102 or 103 and consent of instructor. Excavation of a local archaeological site. Archaeological mapping, photography and recording. Laboratory methods of cataloging, preservation, description and interpretation of archaeological materials. Saturday field sessions. May be repeated once for credit as an elective. (1 hour lecture, 6 hours laboratory)

404 Analytical Methods in Archaeology (3)
Prerequisites: ANTH 103, 403. Employment of physical data-collecting techniques (e.g., photographic, paleomagnetic) in the field and the analysis of artifact collections and data from previous field operations in the laboratory. May be repeated once for credit as an elective. (1 hour lecture, 6 hours laboratory)

406 Descriptive Linguistics (3)
(Same as LING 406)

407 Anthropological Video Production (3)
Prerequisites: six upper-division units of anthropology. Planning, shooting and editing videotapes relating to all sub-disciplines of anthropology. (1 hour lecture; 6 hours laboratory activities, demonstrations, and fieldwork)

408 Ethnogerontology (3)
Prerequisite: ANTH 102. Methods of ethnoscience and interpretive semiotics for analyzing cultural knowledge and domains pertaining to aging. Training in ethnographic cultural analysis of aging for the production of ethnographies that focus on the symbols, taxonomies, paradigms, and themes of aging.

409 Applied Anthropology (3)
Prerequisite: ANTH 102. Uses of anthropological skills and sensitivities in approaching contemporary human problems. Cultural change, organizational development, program planning and evaluation, the consultant’s role and professional ethics.

410 Anthropology of Organizations (3)
Prerequisite: ANTH 102. Cross-cultural examination of the diverse ways humans organize themselves in groups. Topics include voluntary and non-voluntary associations, gender- and age-based organizations, religious groups, environmental groups, health care organization and business organizations.

412 Culture Change (3)
Prerequisite: ANTH 102. Interrelations between cultural, social and psychological processes in the dynamics of culture growth and change. Impact of western technology on tribal and peasant societies. Anthropological contributions to the planning of directed sociocultural change in selected areas.

414 Economic Anthropology (3)
Prerequisite: ANTH 102. Ethnology and ethnography of economic life, principally in non-Western societies; operation of systems of production and distribution within diverse cultural contexts. One or more sections offered online.

415 Anthropology of Tourism (3)
Prerequisite: ANTH 102. Tourism and travel as cultural practices. Domestic and international tourism; perspective of hosts and travelers; global economy and tourism; souvenirs, artifacts and symbolic landscapes; tourism as pilgrimage.

416 Anthropological Linguistics (3)
Nature and functions of language; language structure and change; classification of languages; use of linguistic evidence in anthropology. (Same as LING 416)

417 Life Quests (3)
Prerequisite: ANTH 102. Contemporary ways to wisdom and humanness in cross-cultural and historical perspectives. New and comparative approaches to understanding the life cycle, development and fulfillment of individual personalities.

418 GIS and Archaeology (3)
Prerequisites: ANTH 103 or equivalent course and junior or senior standing. Introduction to the use of Geographic Information Systems as they apply to the study of archaeology. Spatial analysis of past cultural remains from anthropological perspectives. One or more sections offered online.

419 Anthropology of Risk (3)
Prerequisites: ANTH 101, 102, 103 and junior or senior standing. Ecological context of risk, cultural and behavioral responses to resource insecurity, the culture construction of risk, health outcomes in relation to risk-prone and risk-averse behavior, and social differentiation and risk.

420 Visual Anthropology (3)
Prerequisite: ANTH 100, 101, 102, 103 or equivalent. Development of the field of visual anthropology and the changing and diverse approaches to the use of visual media in representing and interpreting other cultures.

427 Archaeology of Settlement Patterns (3)
Prerequisite: ANTH 103. Introduction to settlement pattern studies in archaeology. Dispersion of aggregates and households within communities, and communities within regions, as a way to study political, social and economic organization in past societies.

430 Archaeology of Household Space (3)
Prerequisite: ANTH 103. Households, domestic architecture and use of space in the archaeological and ethnographic record from diverse theoretical and methodological perspectives. Topics include cultural difference in residential dwellings, use of space, residence patterns, households, gender and ritual spaces.

435 Anthropology of Death and Mortuary Practices (3)
Prerequisite: ANTH 102 or completion of G.E. Category C.2. Cultural practices relating to death. Burial practices, beliefs about the afterlife and memorialization of the dead in diverse cultural contexts, both contemporary and ancient. Integrates archaeological, linguistic, cultural and biological data in a holistic approach.
441 Human Variation (3)
Prerequisites: ANTH 343, and 301, 322 or 344. Processes underlying and the theories for the existence of the present variation between and within human populations. Genetics of human populations and the significance of racial classifications. (2 hours lecture, 3 hours laboratory)

442 Medical Anthropology (3)
Prerequisite: ANTH 342. Human health and disease and their relationship to cultural practices, beliefs and environmental factors; histories of various diseases as factors of cultural change; health care delivery systems. One or more sections offered online.

443 Advanced Topics in Human Osteology (3)
Prerequisites: ANTH 343, and 301, 322 or 344. Analytical methods stressing morphological examination of human bone in a laboratory setting (determination of human, prehistoric; analysis of fragmented and commingled remains; basic identification and report writing; pathological conditions). For those interested in archaeology, hominid evolution and/or forensic science.

445 Quantitative Methods in Anthropology (3)
Prerequisites: Anthropology major or minor and junior or senior standing. Develops skills and knowledge in the application of quantitative methods in anthropological research. Students learn an integrated approach to research design, data collection, data management, and data analysis through hands-on training.

451 Advanced Human Evolution (3)
Prerequisite: ANTH 322, 344 or BIOL 274. Uses life history theory to examine evolutionary ecology of human behavior. Topics include the human life course, resource acquisition, parenting and fertility. Computer labs utilizing eHRAF. (Same as BIOL 451)

452 Human Fossil Record (3)
Prerequisite: ANTH 301, 322 or 344. In-depth and detailed analysis of fossil evidence for human evolution using fossil cast material and computer aided virtual models. Modern evolutionary theory used to interpret the fossil evidence and understand hominin phylogeny.

453 Human Evolutionary Anatomy (3)
Prerequisite: ANTH 301, 322 or 344. Uses an evolutionary framework to conduct in-depth and detailed examination of the structure and function of human anatomical systems, their interaction, and their evolutionary histories and how those histories affect health in modern populations.

454 Primate Conservation (3)
Prerequisite: ANTH 301, 322 or 344. Uses behavioral ecology and life history theory to understand issues surrounding conservation of non-human primates. Develop theoretical background crucial to understanding the population dynamics and ecological principles driving primate conservation strategies.

455 Behavioral Observation (3)
Prerequisite: ANTH 301 or completion of G.E. Category B.5. Prepares students to conduct advanced behavioral observation research from an anthropological perspective. Research design, data collection techniques, ethical and other considerations unique to varied data collection settings, computerized resources and literature resources. Incorporates service learning.

456 Hormones and Behavior (3)
Prerequisite: ANTH 101, 301, BIOL 171 or completion of G.E. Category B.5. How hormones influence the development and activation of behavior, and how behaviors, in turn, regulate neural and endocrine physiology. Integrates evolutionary, developmental and clinical perspectives gleaned from studies of humans, nonhuman primates and other animals. (Same as BIOL 456)

460 Public Archaeology (3)
Prerequisite: ANTH 103. Analyzes new archaeological methods, current research specializations, and responsibilities of archaeologists, including Cultural Resource Management (CRM). Review of local, state and federal legislation affecting the protection and preservation of archaeological sites and other cultural resources.

461 California Archaeology (3)
Prerequisite: ANTH 103. Evolution and development of native California tribes over a 13,000-year time span based on archaeological and anthropological data. Follows a temporal and regional approach covering prehistory, ethnography and early history of native California cultures.

463 Archaeofaunal Analysis (3)
Prerequisites: ANTH 103. Method, theory and lab work in analyses of archaeofaunal remains recovered from archaeological sites and reconstruction of prehistoric subsistence patterns and paleoenvironments based on faunal remains. Topics include vertebrate skeletal identification, taphonomy, subsistence studies and quantification.

470 Survey of Anthropological Films (3)
Prerequisites: ANTH 100, 101, 102 or 103; 420 recommended. Survey and analysis of the uses of film and video in anthropological research, teaching, theory, methodology. Films are studied for their anthropological content, and as artifacts of western culture, which reveal significant aspects of that culture.

476 Archaeological Investigations (3)
Prerequisite: ANTH 102 or 103. Methodology and practice of archaeological fieldwork. May be repeated for credit. (1 hour lecture, 6 hours laboratory)

480 History of Anthropology (3)
Prerequisites: ANTH 101, 102, 103. Principal contributions of anthropologists 1850-1950; evolutionary, diffusionist, historical, particularist, configurationalist, and culture and personality approaches in anthropology. One or more sections offered online.
481 Contemporary Anthropology (3)
Prerequisites: ANTH 101, 102, 103. Anthropologists from 1950-present; neoevolutionist, sociological, structuralist, psychological and symbolic approaches. One or more sections offered online.

482 Globalization and Culture Change (3)
Prerequisite: ANTH 102 or completion of G.E. Category D.1. Interrelations between global, cultural and social processes that affect culture change, including transnationalism, migration, technology, media (including social media), tourism, development and other factors related to globalization. Anthropological contributions to theory and practice through selected examples in applied anthropology.

490T Undergraduate Seminar in Anthropology (3)
Prerequisite: consent of instructor. Topics in anthropology. May be repeated for credit.

491 Internship in Anthropology (3)
Prerequisites: 18 upper-division units in anthropology and/or related fields. Career opportunities. On-the-job training under faculty supervision in museum, industry or governmental service. One or more papers required. May be repeated for credit for a total of six units.

497 Cultural Investigations (3)
Prerequisites: ANTH 102 and 401 or equivalent. Methodology and practice of cultural fieldwork. May be repeated for credit. (1 hour lecture, 6 hours laboratory)

498 Museum Practicum (3)
Prerequisites: at least 15 units of anthropology and consent of instructor. Practical experience in museum operations, using the facilities of the Anthropology Museum. Topics include exhibit preparation, membership and funding operations, catalogue preparation and outreach activities. May be repeated for credit for a maximum of six units.

499 Independent Study (1-3)
Prerequisites: at least 15 units of anthropology and consent of adviser. Individual research project involving library or fieldwork. Conferences with the adviser as necessary. Results in one or more papers. May be repeated for credit.

504T Seminar: Selected Topics in Anthropology (3)
Prerequisites: completion of undergraduate major in anthropology and/or graduate standing or consent of instructor. Topic chosen and a general outline of the seminar are circulated prior to registration. May be repeated.

507 Grammatical Analysis (3)
(See as LING 507)

510 Research Design in Anthropology (3)
Prerequisite: graduate standing. Principles of anthropological research. Develop skills in designing a research project; literature search and review; application of quantitative, qualitative and mixed methods; understanding ethical considerations in anthropology; identifying funding opportunities; proposal preparation; and oral presentation.

511 Theory and Method in Biological Anthropology (3)
Prerequisites: ANTH 510 and completion of undergraduate major in anthropology and/or graduate standing. Basic theoretical positions and methodological spectrum in biological anthropology.

512 Theory and Method in Archaeology (3)
Prerequisites: ANTH 510 and completion of undergraduate major in anthropology and/or graduate standing. Basic theoretical positions and methodological spectrum in archaeological anthropology.

513 Theory and Method in Cultural/Linguistic Anthropology (3)
Prerequisites: ANTH 510 and completion of undergraduate major in anthropology and/or graduate standing. Basic theoretical positions and methodological spectrum in cultural and linguistic anthropology.

597 Project (3,6)
Prerequisites: graduate standing and consent of project adviser. Completion of a project derived from original field or laboratory research, and/or from library study. Project could also be a museum exhibit, field report or other project. A copy of the approved written component of the project must be filed in the department through the department graduate program adviser. May be repeated for credit to a maximum of six units.

598 Thesis (3,6)
Prerequisites: graduate standing and consent of thesis adviser. Completion of a thesis derived from original field or laboratory research, and/or from library study. A copy of the approved thesis must be submitted to the department through the department graduate program adviser, and a copy of the thesis must be approved by the University Graduate Studies Office for submission to the bookstore for binding and microfilming. May be repeated for credit to a maximum of six units.

599 Independent Graduate Research (1-3)
Prerequisite: consent of adviser. Individual research involving fieldwork, laboratory, or library study, and conferences with a project adviser as necessary, and resulting in one or more papers. May be repeated for credit.