ANT

Anthropology, Cultural and Archaeology

ANT 102-F Introduction to Cultural Anthropology
The analysis of social and cultural topics such as kinship, family, marriage, politics, and religious systems, with an emphasis on their particular expression in non-Western societies.
3 credits

ANT 104-F Introduction to Archaeology
An introduction to the study of human behavior through the analysis of material residues. Case studies illustrate how archaeologists answer research questions originating in other social sciences, natural history, or humanities disciplines, thereby creating a unique interdisciplinary and long-term perspective on human behavior. The course provides a critical perspective on recent ethnical and interpretive controversies over the human past.
3 credits

ANT 105 Introduction to Archaeology Lab
An optional supplement to ANT 104 exploring methods of archaeological survey, excavation, and exploratory data analysis and interpretation using computers and teaching collections in the Archaeology Teaching Laboratory. Corequisite: ANT 104
1 credit

ANT 201-J Peoples of South America
A survey of the social, cultural, and historical aspects of South American native peoples. Attention is given to issues of demography and biology, ecology, and cultural evolution. In-depth study of selected cultures and comparative study in selected cultural topics form the core of the course. Particular emphasis is given to topics of culture contact, culture change, tribal cultures in a context of national development, and cultural pluralism.
Advisory Prerequisite: ANT 102
3 credits

ANT 203-J Native Peoples of North America
The various peoples and cultures of North America are studied with respect to their political, educational, linguistic, social, and cultural patterns. Selected societies are studied in depth.
Advisory Prerequisite: ANT 102
3 credits

ANT 230-J Peoples of the World
The prehistoric cradle of humankind, Africa is today home to diverse cultures, environments, languages, and economies. Western mass media often generalizes across this immense diversity, or focuses on areas of conflict, famine, or environmental devastation. This course introduces students to Africa via the voices of Africans themselves, or those of anthropologists who have spent many years on the continent.
Prerequisite: ANT 102
3 credits

ANT 250-J African Peoples and Cultures
The role of culture as a factor in personality and character formation and how different cultures handle the basic human drives, especially aggression. The course also discusses cultural influences on gender role, violence and social control, and mental health. Case studies from South America, Oceania, Malaysia, and southern Europe are compared.
3 credits

ANT 252-F Personality and Culture
The role of culture as a factor in personality and character formation and how different cultures handle the body as cultural construct, theories of illness causation, alternative medical systems, epidemiology, ethnopharmacology, cross-cultural psychiatry, sex and reproduction, nutrition, and the implications of culture for pain perception, stress, and health risk management.
Prerequisite: ANT 102
3 credits

ANT 270-F Great Archaeological Discoveries
Recent controversies surrounding the most important social transitions in human prehistory. These include the origin of modern human societies; the rise of agrarian communities, and the formation of early states, all examined in cross-cultural perspective. Major theories and models of human sociocultural evolution are tested with evidence from the best-documented archaeological sites in Africa, Eurasia, and the Americas.
Prerequisite: U2 or higher standing
Advisory Prerequisite: ANT 104
3 credits

ANT 290-H Science and Technology in Ancient Society
Examination of the role of advances in science and technology in societies ranging from the earliest humans to the archaic civilizations of the Old and New Worlds. The course focuses on such innovations as tool making, fire, metallurgy, writing, mathematics, complex architecture, and relates these innovations to changes in sociopolitical organization.
Prerequisite: One D.E.C. category E course
3 credits

ANT 295-H Sex and Human Nature
The study of how our evolutionary history sets the stage for humans to evolve into social creatures. Emphasis on the biological underpinnings that shape human sex roles and the evolution of human nature. Topics include human mate choice, family formation strategies, evolution of the life span, and the capacity for cooperation and aggression.
3 credits

ANT 310-J Ethnography
A particular cultural area of the world, such as sub-Saharan Africa, Oceania, Mexico and Guatemala, Asia, or the Middle East, is considered in terms of its history and ecology, with a comparative analysis of the cultural systems and social arrangements of representative ethnic groups. The aim of the course is to provide an overview of cultural diversity within an area outside of Europe. May be repeated as the topic changes.
Prerequisite: ANT 102
Advisory prerequisite: One other ANT course
3 credits

ANT 311-J Immersion in Another Culture
A specific world area, such as the highlands of New Guinea or the Nilotic Southern Sudan, or a particularly well-documented people such as the Trobriand Islanders, are considered in detail. Lectures, texts, and films consider ecology, history, social change, language, cultural systems, and social arrangements toward providing students with a comprehensive understanding of another cultural system. May be repeated as the topic changes.
Prerequisite: ANT 102
3 credits

ANT 321 Archaeological Field Methods
An opportunity to participate in all aspects of an archaeological research project. Students are trained in excavation, recording, artifact retrieval, surveying, field sorting techniques, and interpretation. This course is usually held in the summer and involves excavation of a prehistoric or early historic site on Long Island.
Prerequisites: ANT 104; permission of instructor
6 credits

ANT 350-F Medical Anthropology
An introduction to the cross-cultural study of health, illness, and curing. Topics covered include the human body as cultural construct, theories of illness causation, alternative medical systems, epidemiology, ethnopharmacology, cross-cultural psychiatry, sex and reproduction, nutrition, and the implications of culture for pain perception, stress, and health risk management.
Prerequisite: ANT 102
6 credits

ANT 351-F Comparative Religion
A survey of religious behavior in cross-cultural perspective. The approach is broadly comparative and eminently anthropological, involving theories of origin and evolution of religious systems, as well as the functioning of religious behavior and institutions within the total culture. Case study material is drawn primarily from preliterate societies, but some reference is made to the large organized religious systems of complex stratified societies.
Prerequisite: U3 or U4 standing
3 credits

ANT 352-J Medical Anthropology
An introduction to the cross-cultural study of health, illness, and curing. Topics covered include the human body as cultural construct, theories of illness causation, alternative medical systems, epidemiology, ethnopharmacology, cross-cultural psychiatry, sex and reproduction, nutrition, and the implications of culture for pain perception, stress, and health risk management.
Prerequisite: ANT 102
6 credits

ANT 353 Archaeological Analysis and Interpretation
Laboratory analysis of recently excavated materials from Long Island archaeological sites. Types of prehistoric material analyzed include lithic and ceramic artifacts and the remnants of shellfish and vertebrates.
Prerequisites: ANT 311; permission of instructor
Advisory Prerequisite: ANT 363
3 credits

ANT 354-F Family, Kinship, and Marriage
Concepts of family, kinship, marriage, incest, exogamy: their source in nature and culture and their social implications. Major theories are discussed historically, demographically, and ecologically. Brief case studies are presented to illustrate theories of social anthropology.
Prerequisite: ANT 102
3 credits

ANT 357-F The Agricultural Revolution
The origins and consequences of agrarian (food-producing) adaptations. Examination of the social, technological, and ecological changes that occurred when humans shifted from hunting and gathering to agriculture and pastoralism around 8000 years ago. Current theories about the origins and consequences of agro-pastoralism are evaluated in light of recent evidence from both Old and New Worlds.
Prerequisite: ANT 104
3 credits

ANT 358-J Ways to Civilization
A comparative study of processes of cultural evolution from simple agricultural societies to the achievement of civilization in different parts of the world. Emphasis is on current theories of state formation and on how these theories are supported by cultural evidence, especially from the six ‘pristine’ states of Mesopotamia, Egypt, Indus Valley, China, Mesoamerica, and Peru.
Prerequisite: ANT 104
3 credits

ANT 359 The Archaeology of Food
Explores the archaeological study of food and foodways. The emphasis is on the social aspects of food, particularly its roles in past power structures, social relationships, conceptions of identity, ritual practices, and gender roles. Also covers the theoretical and methodological approaches archaeologists use to study food in the past.
Prerequisite: ANT 104
3 credits

ANT 360-J Ancient Mesopotamia
The organization and development of the social, economic, political, and religious systems of ancient Mesopotamia through study of the archaeological and textual records. This course stresses the first two thousand years of this civilization, from 3500 B.C. to 1500 B.C.
Prerequisite: U3 or U4 standing
3 credits

www.stonybrook.edu/ugbulletin 357
ANT 363-J African Stone Age
An examination of the evidence for human behavioral and physical evolution on the African continent. The focus is on the way both early and modern hominids adapted to different habitats. Modern African environments and ecology, as well as modern hunter-gatherer peoples, are covered.
Prerequisite: ANT 104
3 credits

ANT 366-J Hunters and Gatherers
Focuses on the relationship between ecology and adaptations to explore the cross-cultural diversity of hunter/gatherers. The first part of the course looks at a number of key theoretic issues and debates that surround the study of hunter/gatherers. Once this foundation is laid, students learn about modern and historic hunter-gatherers from all the major geographic regions of the world. The focus of the course is both to explore hunter/gatherer variation in relationship to their environment, and to give students an appreciation of the ways in which hunter-gatherers have been historically documented.
Prerequisite: ANT 102 or 104
3 credits

ANT 367-F Male and Female
A study of the manifestation of sex roles in different cultures. Discussion topics include the impact of social, economic, and political organization on gender roles and relationships, sexual orientation in cross-cultural perspective, and contemporary theories of gender inequality. Readings present both the male and female viewpoints.
Prerequisite: ANT 102
3 credits

ANT 368-F Ice Age Europe
Current theories about early human adaptations to Ice Age environments in western Eurasia. Major topics include the initial colonization by hominids, the origin and extinction of the Neanderthals, and the dispersal of modern Homo sapiens. This course stresses the reconstruction of early human adaptive strategies (technology, sociality, and settlement patterns) in their palaeoecological and biogeographic contexts.
Prerequisite: ANT 104
3 credits

ANT 371-J Ancient China
Explores the development of social, economic, political, and cultural systems in ancient China, from the neolithic period through the Han dynasty. Draws on archaeological data and historical texts to examine the emergence of state-level polities and their subsequent unification under the imperial authority. Analytical focus is on political economy, social organization, ritual exchange, and notions of power and rulership expressed in philosophical thought. This course is offered as both ANT 371 and ANT 371.
Prerequisites: U3 or U4 standing; completion of D.E.C. category F
3 credits

ANT 372-J Family, Marriage, and Kinship in China
Examines forms and dynamics of social organizations in Chinese society, focusing on cultural, social, and economic aspects of family, marriage, and extended kinship relations such as lineages, clans, and sworn brotherhoods. Particular attention is paid to how gender, generation, class, and ritual exchange shape identity, status, and power. This course is offered as both AAS 372 and ANT 372.
Prerequisite: ANT 102
Advisory Prerequisites: AAS 220 and ANT 354
3 credits

ANT 379-J Ethnicity and Nation in China
This course explores issues of ethnic and national identity in China, both past and present, focusing on the material and social contexts that have shaped perceptions of, and interactions between, cultural groups in China and along its frontiers. Drawing on case studies from the Himalayan plateau, Yunnan highlands, Inner Asian steppe, Taiwan, and elsewhere, students examine how constructions of identity, as well as civilizing projects and resistance movements, have been influenced by ecology and culture, social organization and economic livelihood, ritual exchange, religion, and political authority. This course is offered as both AAS 379 and ANT 379.
Prerequisite: U3 or U4 standing
Advisory Prerequisites: AAS 220 or HIS 219 (or the former CNS 249 or 250)
3 credits

ANT 380-J Race and Ethnicity in Latin America and the Caribbean
Concepts and theories of race and ethnicity in Latin American and Caribbean settings. The historical evolution and the contemporary social and cultural significance of racial and ethnic identities within the region are explored. Specific examples of social relations characterized by ethnic or racial conflict are presented. This course is offered as both AFS 380 and ANT 380.
Prerequisite: U3 or U4 standing
Advisory Prerequisite: AFS 240 or LAC 200
3 credits

ANT 381-F Applied Anthropology
A practical, career-oriented examination of how anthropological theory and method can be put to use in non-academic areas such as economic development, public health, environmental conservation, education, technology development, cultural advocacy, business, and law. Coordinated readings provide case illustrations.
Prerequisite: U3 or U4 standing
3 credits
Western civilization, and relate it to that of other regions in the world. May be repeated for credit as the topic changes.

**Prerequisite:** ANT 102  
3 credits

**ANT 401 Problems in Social and Cultural Anthropology**
Research and discussion of a selected topic in social and cultural anthropology. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes.

**Prerequisite:** ANT 102  
**Advisory prerequisite:** Two other ANT courses at the 200 level or higher  
3 credits

**ANT 402 Problems in Archaeology**
Research and discussion of a selected topic in the prehistory of the Old and New Worlds. Semester supplements to this Bulletin contain specific description when course is offered. May be repeated for credit as the topic changes.

**Prerequisite:** ANT 104  
**Advisory prerequisite:** Two other archaeology courses  
3 credits

**ANT 415 Ethnoarchaeology**
Ethnoarchaeology uses observations of present-day peoples to inform archaeological inquiry, based on analogies between past and present. Advanced undergraduate and graduate students will develop their ability to construct and evaluate such analogies. Using this skill, they will then explore ways in which ethnoarchaeological data contribute to archaeological research: hypothesis building, survey and excavation strategies, interpretation of site and artifact data, and understanding the causes and processes of human behavioral change. In addition to seminar discussions of theoretical issues and case studies, the course incorporates practical exercises in the surrounding community.

**Prerequisite:** ANT 104; ANT major or minor  
3 credits

**ANT 417 Primitive Technology**
An introduction to the technology of hunter-gatherers. The course examines how archaeologists use both ethnography and experimentation to shed light on prehistoric human technological adaptations. Techniques for making and using primitive tools are practiced in weekly laboratory sessions.

**Prerequisite:** Permission of instructor  
1 credits

**ANT 418 Lithic Technology**
A detailed overview of the methods archaeologists use to extract behavioral information from prehistoric stone tools. The course examines raw material economy, technological strategies, tool use, and discard behavior. Analytical methods are practiced through the computer-assisted analysis of tools from simulated archaeological sites.

**Prerequisite:** Permission of instructor  
1 credits

**ANT 419 Zooarchaeology**
The study of animal bones from archaeological sites. Special emphasis is on the identification of fragmented bone and surface modification, calculation of indexes of abundance, and measurement and metrical analysis of mammal bone. Computer analysis is stressed, and the class seeks a fusion of traditional zooarchaeology and actualistic studies. Three to four hours of computer laboratory work required per week.

**Prerequisites:** ANT 104 or ANP 120; permission of instructor  
**Advisory Prerequisite:** One other archaeology course  
3 credits

**ANT 420 Environmental Analysis Using Remote Sensing and Geographic Information Systems**
The use of aerial and satellite imagery in environmental analysis and the manipulation of geographic data sets of all types using Geographic Information Systems. Concentrating on Long Island, each student designs and completes a research project on a particular section of the area, focusing on the habitats of local wildlife, the locations of archaeological sites, coastal regimes, etc. Students should expect to spend approximately 10 hours per week beyond regularly scheduled classes in a University computer laboratory. This course is offered as both ANT 420 and GEO 425.

**Prerequisite:** Upper-division course in ANT or BIO or GEO or MAR  
3 credits

**ANT 447 Readings in Anthropology**
Individual advanced readings on selected topics in anthropology. May be repeated up to a limit of 6 credits.

**Prerequisites:** ANT 102; two other ANT courses at the 200 level or higher; permission of instructor and department  
3 credits

**ANT 475 Undergraduate Teaching Practicum I**
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. Students may not serve as teaching assistants in the same course twice.

**Prerequisites:** U3 or U4 standing; anthropology major; 3.00 g.p.a.; permission of instructor; permission of director of undergraduate studies  
3 credits, S/U grading

**ANT 476 Undergraduate Teaching Practicum II**
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. In ANT 476, students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. Students may not serve as teaching assistants in the same course twice.

**Prerequisites:** U3 or U4 standing; anthropology major; 3.00 g.p.a.; permission of instructor; permission of director of undergraduate studies  
3 credits, S/U grading

**ANT 487 Independent Research in Anthropology**
Independent research projects carried out by upper-division students. May be repeated up to a limit of six credits.

**Prerequisites:** 15 credits in anthropology; permission of instructor and department  
0-6 credits

**ANT 488 Internship**
Participation in local, state, and national public and private agencies and organizations. Students are required to submit written progress reports and a final written report on their experiences to the faculty sponsor and the department. May be repeated up to a limit of 12 credits.

**Prerequisites:** 15 credits in anthropology; permission of instructor and department  
0-6 credits, S/U grading

**ANT 495 Senior Honors Project in Anthropology**
First course of a two-semester project for anthropology majors who are candidates for the degree with honors. Arranged in consultation with the department through the director of undergraduate studies, the project involves independent readings or research and the writing of a paper under the close supervision of an appropriate faculty member on a suitable topic selected by the student. Students enrolled in ANT 495 are obliged to complete ANT 496 the following semester. Students receive only one grade upon completion of the sequence.

**Prerequisite:** Admission to the anthropology honors program  
3 credits

**ANT 496 Senior Honors Project in Anthropology**
Second course of a two-semester project for anthropology majors who are candidates for the degree with honors. Arranged in consultation with the department through the director of undergraduate studies, the project involves independent readings or research and the writing of a paper under the close supervision of an appropriate faculty member on a suitable topic selected by the student. Students receive only one grade upon completion of the sequence.

**Prerequisite:** ANT 495; admission to the anthropology honors program  
3 credits