

Anthropology (ANT)**Major and Minor in Anthropology****Department of Anthropology, College of Arts and Sciences**

Chairperson: Frederick Grine

Director of Undergraduate Studies: David J. Bernstein

E-mail: AnthropologyDUS@stonybrook.edu

Assistant to the Chair: Megan Alberti

E-mail: Megan.Alberti@stonybrook.edu

Office: S-501 Social and Behavioral Sciences

Phone: (631) 632-7620

Web: <http://www.stonybrook.edu/anthro>

Minors of particular interest to students majoring in Anthropology: Biology (BIO), China Studies (CNS), History (HIS), Japanese Studies (JNS), Judaic Studies (JDS), Korean Studies (KRS), Middle Eastern Studies (MES), Psychology (PSY)

Department Information - Anthropology

Anthropology is a social science that seeks to understand and explain human cultural, behavioral, and biological variation through time and space. This gives anthropology a wide reach and has resulted in the formation of three subdisciplines: cultural anthropology, archaeology, and biological anthropology. Cultural anthropology concentrates on modern human culture and behavior. Archaeology examines cultural and behavioral variation over time through the material culture of past people. Biological anthropology studies the biological evidence for human evolution, encompassing everything from the study of modern non-human primates to the earliest stages of mammalian fossil evolution. The objective of the Anthropology major is to train the student in all three subdisciplines while allowing the student to concentrate in a specific subdiscipline.

Students with a degree in anthropology take several postgraduate paths. Some continue their anthropology training in graduate schools, many at the finest graduate schools in the country. Others pursue, for example, medical school or conservation studies.

The undergraduate program introduces the student to the general field of anthropology, its branches, its theories and methods, and its relation to the other social sciences, the humanities, and the natural sciences. The curriculum emphasizes the fields of cultural anthropology, archaeology, and biological anthropology. Students often have the opportunity to pursue coursework in any of the three fields in different cultural settings. Interested students should contact the director of under-graduate studies for details.

Requirements for the Major and Minor in Anthropology**Requirements for the Major in Anthropology (ANT)**

The major in Anthropology leads to the Bachelor of Arts degree. Completion of the major requires 36 credits. At least 15 credits must be in upper-division courses (300 level or higher) not including the course used to fulfill the seminar requirement. All major courses (including transfer credits) must be passed with a letter grade of C or higher. ANP/ANT 475, 476, 488, 495, and 496 DO NOT count toward the major requirements.

A. Study within the Area of the Major**I. Introductory courses:**

Students must take an introductory course in all three subfields offered in the major.

- ANT 102 Introduction to Cultural Anthropology
- ANT 104 Introduction to Archaeology
- ANP 120 Introduction to Biological Anthropology

II. Subfield courses:

1. One course in biological anthropology at the 200 level or higher
2. One course in archaeology at the 200 level or higher
3. One course in cultural anthropology at the 200 level or higher

III. Elective courses:

- Five additional anthropology courses (200 level or higher)
- One course with anthropologically-relevant content from another department may be substituted with approval of the Anthropology Director of Undergraduate Studies Note: ANP/ANT 447 and 487 can only be counted once (each up to a maximum of 3 credits)

IV. One 400-level seminar chosen from ANP 403, ANP 404, ANP 405, ANP 406, ANT 401, ANT 402, ANT 405, ANT 415, ANT 417, ANT 418, ANT 419 or ANT 420

B. Upper-Division Writing Requirement

Anthropology majors must submit a paper written for a 300-level or higher ANP/ANT course with an evaluation of S (Satisfactory). This paper must be at least 10 pages (in addition to the cover page and works cited), double-spaced, 1-inch margins, 12 pt font (or less). This paper must be submitted to the Director of Undergraduate Studies after it is graded by the instructor of the course for which it was written. Submit the original paper and attach the cover sheet (available in the Anthropology Main Office).

Subfields of Study

Archaeology

ANT 104, ANT 207, ANT 210, ANT 260, ANT 270, ANT 290, ANT 307, ANT 320, ANT 353, ANT 355, ANT 357, ANT 358, ANT 359, ANT 360, ANT 362, ANT 363, ANT 368, ANT 371, ANT 373, ANT 385, ANT 393, ANT 394, ANT 402, ANT 415, ANT 417, ANT 418, ANT 419, ANT 420.

Biological Anthropology

ANP 120, ANP 200, ANP 201, ANP 220, ANP 300, ANP 304, ANP 305, ANP 306, ANP 307, ANP 316, ANP 321, ANP 325, ANP 326, ANP 350, ANP 360, ANP 391, ANP 403, ANP 404, ANP 405, ANP 406.

Cultural Anthropology

ANT 102, ANT 200, ANT 201, ANT 203, ANT 205, ANT 230, ANT 250, ANT 252, ANT 296, ANT 305, ANT 310, ANT 311, ANT 350, ANT 351, ANT 354, ANT 361, ANT 367, ANT 372, ANT 379, ANT 380, ANT 381, ANT 390, ANT 391, ANT 395, ANT 401, ANT 405.

Honors Program in Anthropology

The honors program is designed for students preparing to enter a graduate program in anthropology. It is open to Anthropology majors in their junior or beginning senior year who have an excellent academic record (3.00 g.p.a. overall) and a g.p.a. of 3.50 or higher in anthropology courses. The program entails writing a thesis of 20 pages or more. Qualified students are eligible to enroll in the Anthropology honors program at, but preferably before, the beginning of their senior year.

The student, after asking a faculty member to be a sponsor, must submit a proposal indicating the topic and procedure of the planned research to the Departmental honors committee through the director of undergraduate studies. The supervising faculty member must also submit a statement supporting the student's proposal and indicating the merit of the planned research. This must ordinarily be done in the semester prior to the beginning of the student's senior year.

Students register for ANT 495 or ANP 495 in the first semester of their senior year and conduct research for the project. They register for ANT 496 or ANP 496 during the second semester of their senior year. These two courses must be taken in addition to the total credits required for the major. Students must submit a draft of their thesis to their faculty sponsor by April 1 for May graduation or November 1 for December graduation. They must submit an honors thesis of 20 pages or more of fully referenced material to the director of undergraduate studies no later than Monday of the final week of classes (excluding final examination week). Each thesis is read by three faculty members, two of whom must be members of the Department of Anthropology. If the paper is judged to be of sufficient merit and the student's record warrants such a determination, the department recommends honors. The program consists of:

1. Completion of all requirements for the major in Anthropology with a g.p.a. of 3.50 or higher in anthropology courses
2. ANT 495 and ANT 496, or ANP 495 and ANP 496
3. The honors thesis

Requirements for the Minor in Anthropology (ANT)

The minor in Anthropology is designed for students majoring in other fields who wish to take anthropology courses relevant to their interests. The student must choose two introductory and five subfield/ elective courses.

At least nine credits must be in upper-division courses. All courses offered for the minor must be passed with a letter grade of C or higher. No transfer credits with a grade lower than C may be applied to the minor requirements. ANP/ANT 475, 476, and 488 DO NOT count toward the minor requirements. No more than one directed readings (ANP/ANT 447) or research course (ANP/ANT 487) may be used (maximum of 3 credits).

Completion of the minor requires 21 credits.

1. Two introductory courses chosen from:

- ANT 102 Introduction to Cultural Anthropology
- ANT 104 Introduction to Archaeology
- ANP 120 Introduction to Biological Anthropology

2. Subfield and elective courses

1. Two additional courses chosen from two different subfields (see list of courses/subfields as indicated in the Major requirements above)
2. Three anthropology elective courses

Sample Course Sequence for Major in Anthropology

Freshman Fall	Credits	Spring	Credits
First Year Seminar 101	1	First Year Seminar 102	1
D.E.C. A	3	D.E.C. A	3
ANT 102	3	ANT 104	3
D.E.C.	3	D.E.C.	3
D.E.C.	3	D.E.C.	3
D.E.C.	3	Elective	3
Total	16	Total	16
Sophomore Fall	Credits	Spring	Credits
Elective	3	ANP 120	3
D.E.C.	3	Elective	3
D.E.C.	3	D.E.C.	3
D.E.C.	3	D.E.C.	3
Elective	3	Elective	3
Total	15	Total	15
Junior Fall	Credits	Spring	Credits
ANT 417	3	ANT 357	3
ANP 201	4	ANP 300	3
ANT 368	3	ANT 381	3
Upper-Division elective	3	Upper-Division elective	3
Elective	3	Elective	3
Total	16	Total	15
Senior Fall	Credits	Spring	Credits
Upper-Division elective	3	D.E.C.	3
Upper-Division elective	3	Upper-Division elective	3
Elective	3	Upper-Division elective	3
Elective	3	Elective	3
Elective	3	Elective	3
Total	15	Total	15

ANP

Biological Anthropology

ANP 120 - E: Introduction to Biological Anthropology

An introduction to the evolutionary study of humankind based on a survey of the diversity and evolutionary history of primates. The development of scientific and evolutionary thought and method. The biological basis of inheritance and variation. Human variations and adaptations in relation to the environment. Physical characteristics and behavior of living primates. Evolution of primates and current research on human origins. ANP 121 is the associated laboratory component of ANP 120.

3 credits

ANP 121: Biological Anthropology Laboratory

Laboratory exploration of the fundamentals of Biological Anthropology based on a survey of the diversity and evolutionary history of humans and nonhuman primates. The development of scientific and evolutionary thought and method. The biological basis of inheritance and variation. Human variations and adaptations in relation to the environment. Physical characteristics and behavior of living primates. Evolution of primates and current research on human origins. Two hours of laboratory per week during which students will experience the research process, methods, and skills, and learn to collaborate in formal inquiry. Not for credit in addition to ANP 120 as offered prior to Fall 2010.

Corequisite: ANP 120

1 credit

ANP 200 - F: The Evolution of Human Behavior

An examination of how evolutionary theory informs our understanding of human behavior, psychology and culture. Topics include assessing what behavioral traits are unique to humans and critical to our ecological expansion. Course will provide a synthetic overview of current topics in human behavioral ecology, evolutionary psychology, and gene-culture coevolution.

Prerequisite: ANP 120 or BIO 201 or BIO 202
3 credits

ANP 201 - E: Human Evolution

An overview of the evolution of the human lineage from its origins to the appearance of modern humans. Our evolutionary history involved some dramatic changes in anatomy and behavior, and we will explore both the

significance of these changes, and the methods that scientists use interpret them. The human fossil record is abundant, and will be our central focus. Emphasis will be placed on how we learn things about the past, as well as what we know.

Advisory Prerequisite: ANP 120, GEO 102, GEO 103, GEO 109, or any BIO course
3 credits

ANP 220 - H: Controversies in Human Biology and Behavior

The study of controversially debated issues in the work of Physical Anthropologists. Surveys general aspects of primate and human behavior, human variation and adaptation, and the evolution of humans and human ancestors exploring previous and recent debates that have centered around issues such as for example the concept of evolution, gender roles and mating systems, role of aggression, and the role of hunting and gathering.

Advisory prerequisite: Introductory Anthropology or Biology course
3 credits

ANP 300 - E: Human Anatomy

An introduction to the structure of the human body considered from both systems and regional approaches. Subject matter includes the musculoskeletal, respiratory, nervous, cardiovascular, digestive, and urogenital systems, together with an appreciation of these systems in a regional anatomical context. Laboratory sessions entail examination of plastic models, exercises in living anatomy and computer "dissection." Instructor permission required to repeat ANP 300. This course has been designated as a High Demand/Controlled Access (HD/CA) course. Students registering for HD/CA courses for the first time will have priority to do so.

Prerequisite: ANP 120 or one BIO course
4 credits

ANP 304: Ecology of the Turkana Basin

With the world's longest sequence of datable deposits containing fossils of our ancestors, eastern Africa is the ideal place to examine humans' changing relations with our environment. This course familiarizes students with diverse ecological settings in the region today through tours and field exercises in highland forests, low-altitude grasslands, and lacustrine and riparian settings. Students learn various methods for paleoenvironmental reconstruction, and practice integrating different kinds of paleoenvironmental evidence in the field and laboratory facilities at TBI-Turkwel, Kenya. Examining modern vegetation and fauna in central and northwest

Kenya shows students how human actions can degrade or conserve environments and resources in eastern Africa today.

Prerequisite: Permission of the instructor/ Study Abroad office
3 credits

ANP 305: Vertebrate Paleontology and Paleocology of the Turkana Basin

Vertebrate fossils are important sources of information about the appearance, evolution, and extinction of major organisms. As such, they provide a valuable window into changes in climate and selection pressures, and organisms' diverse adaptive responses to these changes. They are also significant in placing hominid discoveries within a relative local chronology, and helping reconstruct environments associated with hominid finds. This course acquaints students with methods of vertebrate paleontology employed in different chronological contexts of the Turkana Basin, used to solve diverse theoretical questions.

Prerequisite: Permission of the instructor/ Study Abroad office
3 credits

ANP 306: Human Evolution in the Turkana Basin

The Turkana Basin is home to many paleoanthropological discoveries that fundamentally reshaped ideas about human evolution. Richard, Maeve, and Louise Leakey will share perspectives on eight of these finds, including Nariokotome ("Turkana boy") and KNM-WT1700 (the "Black Skull"). Lectures and readings for each discovery will cover: 1) the research questions and strategies that led to the find; 2) the kind of analyses that have yielded the most important interpretive conclusions about the find; 3) how this discovery reshaped views of the human past; and 4) what new directions it catalyzed in human evolution research. Class activities consist of lectures by the Leakeys, laboratory exercises (reconstructions, measurements) using casts of the 5 kinds, and field trips to discovery locations.

Prerequisite: Permission of the instructor/ Study Abroad office
3 credits

ANP 307: Comparing Ecosystems in Madagascar

The major goal of this course is to introduce the biodiversity and diversity of ecosystems on the island of Madagascar. In addition to exploring the different habitats within Ranomafana National Park, we will embark on a ten-day trip across Madagascar.

Prerequisite: Permission of instructor/Study Abroad office

3 credits

ANP 316: The Evolution of the Human Brain

Provides a detailed overview of how the human brain has evolved, placing it in a broader primate, mammalian, and vertebrate context. Emphasizing the interaction between brain and behavior, the course will detail how adaptation has shaped the brain across millions of years of evolution. The central theme throughout the course will be to what extent we can consider the human brain as 'special' compared with other species, and, if so, what sets it apart.

Prerequisite: ANP 120 or any Biology course
3 credits

ANP 321: Primate Evolution

The evolution of the order Primates from its origins to the appearance of the human family. Primate origins; the first primates of modern aspect; origins and adaptive radiations of monkeys; appearance and adaptations of apes and humans. Relevant topics in geology such as geochronology, paleogeography, taphonomy, and paleoecology.

Prerequisite: ANP 120

3 credits

ANP 325 - E: Primate Behavior

An introduction to primate social systems and the factors that influence their maintenance and evolution, including foraging strategy, demographic processes, mating and rearing strategies, conflicts and coalitions, and communication.

Prerequisite: ANP 120

3 credits

ANP 326: Lemurs of Madagascar

The course explores the biology, ecology, social behavior, and conservation of Madagascar's lemurs. We will discuss case studies based on current field and captive research, in this way highlighting important principles in behavior and ecology. Critical thinking on current topics in general primate behavior will be emphasized through various discussion formats. The evolutionary continuum between humans and other primates will be explored. Throughout the course, we will pay attention to conservation threats that menace the well-being of lemur today.

Prerequisite: Permission of instructor/Study Abroad office

3 credits

ANP 350: Methods in Studying Primates

Introduction to the concepts and practical skills needed to conduct scientific work, particularly in the study of primates, including how to collect and analyze data focusing on habitat description, primate densities, use of space, and social interactions. Topics include design and presentation of research; ecological field methods; behavioral observations and other techniques. Students are required to plan a small research study and to present their proposal in class. Some computer work outside class required.

Prerequisite: Permission of instructor/Study Abroad office

3 credits

ANP 360 - H: Primate Conservation

Review of endangered species of primates and case histories of conservation programs in Asia, Africa, South America, and Madagascar, highlighting different problems and solutions.

Advisory Prerequisite: ANP 120 or BIO 201 and BIO 204

3 credits

ANP 391: Topics in Biological Anthropology

Discussion of a topic of current interest in physical anthropology. May be repeated as the topic changes.

Prerequisite: ANP 120

Advisory prerequisite: One other ANP course

3 credits

ANP 399: Advanced Field Research in the Turkana Basin

Intended to follow the Turkana Basin Institute (TBI) Field School in NW Kenya. It should facilitate TBI field school alumni participation in ongoing field projects directed by senior researchers within the Turkana Basin. Upper-division Stony Brook undergraduates who demonstrate readiness may undertake a junior role within a larger project focusing on archaeology or human ecology (ANT 399) or paleoanthropology or vertebrate paleontology (ANP 399). The nature of ANT/ANP 399 offerings each semester will depend on which senior scholars are conducting field research and whether their projects are suitable for undergraduate involvement. They may include the opportunity to join a paleoanthropological survey of ancient landscapes for vertebrate remains (ANP 399), or to join an archaeological excavation of a 4000-year-old habitation site (ANT 399). Credit for each offering is determined for by the TBI faculty and is consistent for all registrants.

Prerequisite: Permission of the instructor. One or more of the following courses: ANP 305, ANP 306, ANT 304, ANT 307, GEO 303

3-12 credits

ANP 403: Seminar in Biological Anthropology

Research and discussion of selected topics in physical anthropology. May be repeated as the topic changes.

Prerequisite: Permission of instructor

3 credits

ANP 404: Human Osteology

A detailed study of the anatomy of the human skeleton with special emphasis on the interpretation of skeletal remains from archaeological contexts. Consideration is given to the growth, structure, and function of bones, and to forensic aspects such as the determination of age, sex, stature, and pathology from skeletal remains. Students conduct a research project on a human skeleton.

Prerequisites: ANP 300; permission of instructor

3 credits

ANP 405: Human Evolution in the Headlines

Exploration of how anthropologists reconstruct the biology and behavior of extinct human species. The class addresses how anthropologists estimate body size in individual fossils, establish the evolutionary relationships among species, and determine what different species ate when they were alive, among other topics. Topics are approached by reading scientific articles and reading popular accounts of anthropological discoveries and research. Students are encouraged to actively participate in class through presentations and discussion of readings. Emphasis is on developing critical thinking and writing skills. The goals of this class are multifaceted and include learning modern techniques for reconstructing the behavior, systematics, and biology of extinct humans, and discerning between facts, analysis, and interpretation in science. Note: students who have taken ANP 403 with this topic may not take ANP 405 for credit.

Prerequisite: ANP 120 or ANP 201

3 credits

ANP 406: Pseudoscience and Anthropology

Course will examine some common misconceptions, as well as deliberate frauds, related to the field of Anthropology. Bigfoot, Atlantis, and ancient astronauts remain

common subjects in mainstream media, but what do we, and what can we, really know about such subjects? In this course we will assemble a basic toolkit for skeptical inquiry, and apply it to several examples of anthropological pseudoscience. Dissecting these cases leads to an investigation of how we can distinguish truth from falsehood, and knowable facts from unknowable conjectures. Lastly, we will try to understand the persistence of pseudoscience and other forms of nonsense in our culture, as these clearly thrive despite their lack of grounding in reality.

Prerequisite: ANT 104, ANP 120, and either ANP 201 or ANP 220

3 credits

ANP 447: Readings in Biological Anthropology

Individual advanced readings on selected topics in physical anthropology. May be repeated up to a limit of 6 credits.

Prerequisite: Permission of instructor
3 credits

ANP 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.

Prerequisites: U3 or U4 standing; anthropology major; 3.00 g.p.a.; permission of instructor

3 credits, S/U grading

ANP 476: Undergraduate Teaching Practicum II

Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. Students assume greater responsibility in such areas as leading discussions and analyzing results of tests that have already been graded. The course in which the student is permitted to work as a teaching assistant must be different from the course in which he or she previously served. Not for major or minor credit.

Prerequisites: U3 or U4 standing; anthropology major; 3.00 g.p.a.; permission of instructor

3 credits, S/U grading

ANP 487: Independent Research in Biological Anthropology

Independent research projects carried out by upper-division students. The student must propose the research project, carry it out, analyze the data, and submit the results in a written form acceptable to the sponsor. May be repeated up to a limit of six credits.

Prerequisite: 15 credits in anthropology; permission of instructor
0-6 credits

ANP 488: Internship in Biological Anthropology

Participation in state, local, 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 to a limit of 12 credits.

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

ANP 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 ANP 495 are obliged to complete ANP 496 the following semester. Students receive only one grade upon completion of the sequence ANP 495-496.

Prerequisite: Admission to the anthropology honors program

3 credits

ANP 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 ANP 495-496.

Prerequisite: ANP 495; admission to the anthropology honors program

3 credits

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 ethical and interpretive controversies about the human past.

3 credits

ANT 200 - J: Contemporary and Historical Perspectives on Insular Southeast Asia

The history, politics, and cultures of Indonesia, Malaysia, Singapore, the Philippines, East Timor, and Brunei. Special attention is given to the religious ideas and rituals, and relationships of power throughout the archipelago. The largest country by far in the region, Indonesia, receives most attention.

Prerequisite: ANT 102

3 credits

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 205 - J: Ancient Japanese Civilization

This course surveys the emergence of early Japanese civilization from prehistoric times to the Nara period in the 8th century A.D. Analytical focus will be placed on specific topics, including the significance of population movement, the influence of Chinese civilization, the centralization of political authority, the development of Japanese language and early literacy, and the roles of ancient Japanese religion and mythology. These topics will be examined from archaeological, anthropological, and historical perspectives. The course aims to provide a thorough foundation for further study in Japanese history and culture.

Prerequisite: U2 standing or higher

3 credits

ANT 207: From Cavemen to Vikings: The Prehistoric Archaeology of Europe

Explores the prehistory of Europe from the arrival of the first humans until the end of the Viking Age. We will study Neanderthal and modern human interactions, the ritual systems of Palaeolithic cave painters, the Atlantic societies that built megalithic monuments, the beginnings of agriculture, the Mycenaean culture that became Europe's first civilization, and the Northern European "vikings" and "barbarians" who terrorized Rome and inherited post-classical Europe. The purpose of the course is to critically examine a number of themes and topics, such as subsistence adaptations, island settlement, trade, metallurgy and other technologies, rise of complex societies, early states, writing, religion and mortuary practices, women in ancient society, etc., emphasizing the similarities and differences within areas of Europe.

Advisory Prerequisite: ANT 104

3 credits

ANT 210 - F: Sunken Cities and Pirates: The World of Underwater Archaeology

Explores the variety of underwater archaeological sites found around the world, including submerged Stone Age sites in the Old and New Worlds and sunken cities such as Alexandria, Egypt and Port Royal, Jamaica. The class also treats the development of global seafaring through the study of sunken ships, starting with the Bronze Age

in the Mediterranean Sea through Viking age ships in northern Europe and the later Age of Exploration. Methods of underwater excavation and site interpretation based on anthropological theory will also be discussed.

3 credits

ANT 230 - J: Peoples of the World

A comparative study of the lifeways of selected types of peoples, defined by adaptation, focusing on their ecology, economy, political organization, and social organization. Groups discussed include the gathering-and-hunting Ju/'hoansi of Africa, the horticultural Kaluli of New Guinea, the pastoralist Basseri of Iran, plus selected peasant and migrant groups. Recent changes affecting indigenes, brought about by technological developments and intercultural contact, are discussed.

Prerequisite: ANT 102

3 credits

ANT 250 - J: African Peoples and Cultures

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.

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 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.

Prerequisite: U2 standing or higher

3 credits

ANT 260 - K: How We Eat

This course explores how people's food habits are shaped not only by their biological needs, but also by the economic, political, ecological, and social worlds in which they live. The breadth of anthropology (biological anthropology, cultural anthropology, and archaeology) is brought to bear on issues including the economic and political underpinnings of American as well as other food cultures; the relationship between food

habits and health (both over-and under-eating); the environmental impacts of various methods of food production; the relationship between food and social status; gendered food production as well as food consumption; food's role in religion; ethical eating; the limits of current knowledge (e.g., changing dietary recommendations); and the socioeconomic pressures that keep individuals eating according to cultural norms. The class discusses foodways in a variety of present and past cultures, but the emphasis is on modern American food culture and the cultural, economic, ecological, and political realities that shape it. Students will explore how these realities affect their own lives and eating habits.

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 296 - I: Anthropology of the European Mediterranean

This course explores the societies and cultures of the southern European countries with emphasis placed on rural/agrarian adaptations, gender relations, ritual, religion and folklore, social stratification and social class, community organization, and rural-urban distinctions. Students will read case studies from Portugal, Spain, Italy, and Greece, as well as background material on "The Mediterranean" as a social and cultural

construct. The monographs for this course cover mainly the post-War period, from the 1950s and up to the present, but a brief time is spent on the historical background from classical antiquity to the modern period. Not for credit in addition to ANT 396 with the topic "The Mediterranean."

Prerequisite: ANT 102

3 credits

ANT 305: Culture and Language of Madagascar

The major goal of this course is to introduce students to the Malagasy culture. Students will attend formal classes with native Malagasy speakers meet with local community and school groups, and attend a variety of cultural activities within the towns and villages that surround RNP.

Prerequisite: Permission of instructor/Study Abroad office

3 credits

ANT 307 - H: Archaeology of the Turkana Basin

Tools changed early humans from one among many African primates to the equivalent of a global geological force. Stone tools and other technologies enabled early hominins to become the first organisms that could purposefully change their environment to suit their needs. This course traces the development of human technology where it first appears, in Eastern Africa, more than 3 million years ago. Course topics include the cognitive abilities of early humans implied by their technologies, early human adaptation and social behavior, and the inter-relationships between stone tool technology, paleoecology, and hominin biological evolution. Lectures and practical exercises teach students how to document the archaeological record and how to use it to test hypotheses about early human behavior. Field excursions teach archaeological survey and excavation techniques. Students conduct research and report their findings in writing and in oral presentations. Evaluation is based on quizzes, a final exam, group projects, a research paper, and participation. This course is taught in Kenya during the Turkana Basin Institute Field School Study Abroad program.

Prerequisite: Permission of the instructor/Study Abroad office

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 and uniformity in 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 320: Historical Archaeology

Explores the archaeology of North America from the 15th century through the mid-20th century, looking at how historical archaeologists use artifactual, documentary, and oral history evidence to reconstruct and interpret the past. Recent theoretical, methodological, and thematic developments in historical archaeology will be examined, along with the study of how material culture can reflect social identity (race, class, gender, ethnicity).

Prerequisite: ANT 104

3 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

3 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: ANT 102

3 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 remains of shellfish and vertebrates.

Prerequisite: Permission of instructor

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 355 - J: Ancient African Civilizations

The archaeology of Africa's later prehistoric and historic periods offers exciting contributions to global debates on the origins of agriculture and civilization. Covering the last 20,000 years, this course begins by examining the economic underpinnings of Africa's complex societies: intensive hunting and gathering, animal domestication, and early farming. Detailed case studies of six ancient civilizations (Egypt, Kerma, Aksum, Jenne, Swahili, and Great Zimbabwe) then demonstrate distinct processes of prehistoric social change in different parts of Africa. The course concludes by discussing African archaeological heritage conservation, research, and public education. This course is offered as both AFS 355 and ANT 355.

Prerequisites: One 100-level course in AFS or ANT; U3 or U4 standing

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, Meso-america, 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

ANT 361 - F: Peasants

The concept of peasantry from political, religious, cultural, and social-class perspectives, as well as from the more traditional economic viewpoint. These agricultural peoples are described and analyzed especially in relation to the national societies of which they form a part. Case studies from Latin America, Europe, and Asia are used as illustrations. Special attention is given to the agrarian political movements and revolutions in the Third World.

Prerequisite: ANT 102

3 credits

ANT 362 - J: Long Island Archaeology

Life on Long Island from its first settlement by Native Americans 12,000 years ago until the end of the 17th century. Trends and changes in human behavior are studied in the context of environmental and cultural processes affecting all of northeastern North America.

Prerequisite: ANT 104

3 credits

ANT 363 - F: Approaches in Archaeology

A survey of archaeological thought from early antiquarianism through the culture history, processual, and post-processual approaches to the investigation and analysis of past societies. Emphasis is placed on the ways in which changes in archaeological theory reflected changes in ideas within the sister fields of sociology, cultural anthropology and geography. Other topics discussed include ethnographic analogy, systems theory, site formation processes and spatial analysis.

Prerequisite: ANT 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: Archaeology of Human Origins

A survey of the archaeological evidence for behavioral variability and adaptation by early humans during the course of the Pliocene, and Early-Middle Pleistocene epochs (2.7-0.1 million years ago). Topics include early stone tool use, origins of hunting, early fire use, adaptations to glacial climates, behavioral differences among hominins living in Africa, Europe, and Asia.

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 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 AAS 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 373: Archaeology of Human Dispersals

A survey of the archaeological evidence for the dispersal of Homo sapiens during the Late Pleistocene epoch (128,000-13,000 years ago). Topics include African origin of Homo sapiens, dispersals into Eurasia, Australia, and the Americas, large mammal extinctions, origins of art, music, and symbolic behavior, and emergence of hunter-gatherer. Not for credit in addition to ANT 394 topic "Origin of Modern Humans."

Prerequisite: ANT 104

3 credits

ANT 379 - J: Ethnicity and Ecology in China

This course explores issues of ethnic and national identity in the context of the social ecology of the Chinese state, both past and present. It focuses on the material and social relationships 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 steppes, Taiwan, and elsewhere, students examine how sustenance strategies, economic organization, and political administration have influenced construct of ethnic identity. This course is offered as both AAS 379 and ANT 379.

Prerequisite: U3 or U4 standing

Advisory Prerequisite: 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

ANT 385 - J: Prehistoric Peoples of the Americas

Life in the Americas from first settlement at the end of the last ice age until the arrival of the Europeans in the 15th and 16th centuries. The culture, history, and evolution of prehistoric peoples of North, Central, and South America are treated. Specific topics covered include settlement by Native Americans, hunting-gathering lifeways, plant and animal domestication, the origins of village life, and state-level societies.

Prerequisite: ANT 104

3 credits

ANT 390 - F: Topics in Social and Cultural Anthropology

May be repeated as the topic changes.

Prerequisite: ANT 102

3 credits

ANT 391 - F: Topics in Social and Cultural Anthropology

May be repeated as the topic changes.

Prerequisite: ANT 102

3 credits

ANT 393 - F: Topics in Archaeology

Topics in archaeology are taught from a social sciences perspectives. Recent topics have included: Origin of Modern Humans, Advent of the Iron Age, Old World Archaeology, and

Ancient Egypt. May be repeated as the topic changes.

Prerequisites: ANT 104 and one other anthropology course

3 credits

ANT 394 - F: Topics in Archaeology

Topics in archaeology are taught from a social sciences perspectives. Recent topics have included: Origin of Modern Humans, Advent of the Iron Age, Old World Archaeology, and Ancient Egypt. May be repeated as the topic changes.

Prerequisites: ANT 104 and one other anthropology course

3 credits

ANT 395 - J: Religions of the Caribbean

An ethnographic approach to the relationship among religion, social organization, and identity politics through studying cultural and historical bases of Christianity, Islam, Hinduism, and their related religious manifestations in the Caribbean. Class stratification, ethnic conflict, and fundamentalist movements are explored. This course is offered as both AFS 395 and ANT 395.

Prerequisite: U3 or U4 standing

Advisory Prerequisite: ANT 351

3 credits

ANT 399: Advanced Field Research in the Turkana Basin

Intended to follow the Turkana Basin Institute (TBI) Field School in NW Kenya. It should facilitate TBI field school alumni participation in ongoing field projects directed by senior researchers within the Turkana Basin. Upper-division Stony Brook undergraduates who demonstrate readiness may undertake a junior role within a larger project focusing on archaeology or human ecology (ANT 399) or paleoanthropology or vertebrate paleontology (ANP 399). The nature of ANT/ANP 399 offerings each semester will depend on which senior scholars are conducting field research and whether their projects are suitable for undergraduate involvement. They may include the opportunity to join a paleoanthropological survey of ancient landscapes for vertebrate remains (ANP 399), or to join an archaeological excavation of a 4000-year-old habitation site (ANT 399). Credit for each offering is determined for by the TBI faculty and is consistent for all registrants.

Prerequisite: Permission of the instructor. One or more of the following courses: ANP 305, ANP 306, ANT 304, ANT 307, GEO 303

3-12 credits

ANT 401: Problems in Social and Cultural Anthropology

Research and discussion of a selected topic in social and cultural anthropology. May be repeated 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. May be repeated as the topic changes.

Prerequisite: ANT 104

Advisory prerequisite: Two other archaeology courses

3 credits

ANT 405: Cultural Ecology

Using the model of ecological adaptation as a starting point, this course explores the impact of the natural and social environment upon human culture. By the latter is meant the way of life of a particular society: its politics, religion, ways of thought, moral standards, rituals and ceremonies, gender ideals and sex roles, and other aspects of ideology and belief. The course uses two anthropological texts that provide background concepts and terminologies, then exposes students to empirical case studies of ecological adaptation, both in pre-literate and literate societies.

Prerequisite: ANT 102

Advisory prerequisite: 200 level or higher ANT course

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.

Prerequisite: Permission of instructor
3 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
3 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 420.

Prerequisite: Upper-division course in ANT or BIO or GEO or MAR
4 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
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
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
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
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
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