ANTHROPOLOGY

10 Sachem Street, 203.432.3670
http://anthropology.yale.edu
M.A., M.Phil., Ph.D.

Chair
Anne Underhill

Director of Graduate Studies
David Watts

Professors Richard Bribiescas, Richard Burger, Michael Dove (School of the Environment), Kathryn Dudley (American Studies), J. Joseph Errington, Eduardo Fernandez-Duque, Marcia Inhorn (Middle East Studies), William Kelly (Emeritus), Paul Kockelman, Roderick McIntosh, Catherine Panter-Brick, Douglas Rogers, Eric Sargis, James Scott (Political Science), Helen Siu, Kalyanakrishnan Sivaramakrishnan, Anne Underhill, Claudia Valeggia, David Watts

Associate Professors Oswaldo Chinchilla, Aimee Cox (African American Studies), Erik Harms, Yukiko Koga, Louisa Lombard, William Honeychurch

Assistant Professors Lisa Messeri, Jessica Thompson, Serena Tucci

FIELDS OF STUDY

The department covers three subfields: archaeology; sociocultural and linguistic anthropology; and physical anthropology. Archaeology focuses on ritual complexes and writing, ceramic analysis, warfare, ancient civilizations, origins of agriculture, and museum studies. Sociocultural anthropology provides a range of courses: classics in ethnography and social theory, religion, myth and ritual, kinship and descent, historical anthropology, culture and political economy, agrarian studies, ecology, environment and social change, medical anthropology, emotions, public health, sexual meanings and gender, postcolonial development, ethnicity, identity politics and diaspora, urban anthropology, global mass culture, and alternate modernity. Linguistic anthropology includes language, nationalism and ideology, structuralism and semiotics, and feminist discourse. Physical anthropology focuses on paleoanthropology, evolutionary theory, human functional anatomy, race and human biological diversity, and primate ecology. There is strong geographical coverage in Africa, the Caribbean, East Asia (China and Japan), Latin America and South America, Southeast Asia (Indonesia), South Asia and the Indian Ocean, the Near East, Europe, and the United States.

SPECIAL REQUIREMENTS FOR THE PH.D. DEGREE

There are no required courses or seminars for archaeology and biological anthropology graduate students. However, graduate students in these subfields are expected to confer closely with their primary adviser and faculty to develop the most enriching and cogent program of courses. In sociocultural anthropology, more than three-fourths of a student’s program consists of electives, including course work in other departments. Sociocultural students must take six required courses, with the remainder being electives among Anthropology courses and other departments’ courses. Admission to Ph.D. candidacy requires (1) completion of two years of course work (twelve term courses for students matriculating in fall 2018 and beyond; sixteen term courses for students who matriculated earlier); (2) independent study and research; (3) satisfactory performance on qualifying examinations; and (4) a dissertation research proposal submitted and approved before the end of the third year. For sociocultural anthropology students, the research proposal requirement takes the form of a field paper of approximately eighty pages in length. Qualifying examinations are normally taken at the end of the second year. For archaeology and biological anthropology subfields, they consist of eight hours written (four hours on one of the subfields, four hours on the student’s special interest) and two hours oral. The sociocultural anthropology exam consists of five hours written and approximately one hour oral and is based on the six required courses.

Because of the diversity of our students’ training program, the department does not have a general foreign language requirement, either for admission or for admission to Ph.D. candidacy. Rather, each student’s advisory committee must determine the necessary level and nature of foreign language proficiency (including scholarly languages and languages to be used in field research) to be met by the student, as well as any required competencies in statistics and other quantitative or qualitative methods. Advisory committees will stipulate such requirements in writing to the director of graduate studies (DGS) at the earliest possible stage of the student’s program of study for approval by the DGS and the department faculty. Such committee stipulations should specify exactly when and how it will be determined that the student has or has not met the requirements.

The faculty consider teaching to be an important part of the professional preparation of graduate students. Therefore, students are expected to complete four terms of teaching as part of their graduate training. Depending on course schedules and the timing of fieldwork, this teaching typically occurs during the third, fourth, or fifth years of study.

COMBINED PH.D. PROGRAMS

The Anthropology department also offers a combined Ph.D. in Anthropology and Environment in conjunction with the School of the Environment, and a combined Ph.D. in Anthropology and African American Studies in conjunction with the Department of African
American Studies. These combined programs are ideal for students who intend to concentrate in, and to write dissertations on, thematic and theoretical issues centrally concerned with anthropology and one of these other areas of study. Students in the combined-degree programs will be subject to the combined supervision of faculty members in the Anthropology department and in the respective department or school.

For more information on the combined-degree program in Anthropology and Environment, see Environment.

Admission into the combined-degree program in Anthropology and African American Studies is based on mutual agreement between these two departments. Individual students will develop courses of study in consultation with their academic advisers and with the directors of graduate study for both departments. Students in the program must take core courses in Anthropology and in African American Studies, plus related courses in both departments approved by their advisory committees. In addition, they must successfully complete the African American Studies third-year Dissertation Prospectus Workshop (AFAM 895 and AFAM 896). Oral and written qualifying examinations must include two topics in the field of African American Studies and two topics in Anthropology. The examination committee must include at least one faculty member from each department. The dissertation prospectus must be submitted to the directors of graduate study of both departments and approved by the faculty of both. The thesis readers committee must also include at least one faculty member from each department, and the faculties of both departments must approve its composition.

MASTER’S DEGREES

M.Phil. See Degree Requirements under Policies and Regulations.

M.A. Applications for a terminal master’s degree are not accepted. The M.A. degree is awarded only to students not continuing in the Ph.D. program. The student must complete eight graduate-level term courses approved for credit in the Anthropology department and maintain an average grade of High Pass. Students who are eligible for or who have already received the M.Phil. will not be awarded the M.A.

Contact information: Director of Graduate Studies, Department of Anthropology, Yale University, PO Box 208277, New Haven CT 06520-8277; 203.432.3670; e-mail, anthropology@yale.edu; website, http://anthropology.yale.edu.

COURSES

ANTH 500a, The Development of the Discipline: Contemporary Themes Lisa Messeri
The major theoretical orientations in social and cultural anthropology (especially in the United States and Europe), their historical development and importance, their relation to one another and to other disciplines. The seminar is reserved for first-year doctoral students in Anthropology.

ANTH 502a, Research in Sociocultural Anthropology: Design and Methods Marcia Inhorn
The course offers critical evaluation of the nature of ethnographic research. Research design includes the rethinking of site, voice, and ethnographic authority.

ANTH 503a / AMST 746a, Ethnographic Writing Kathryn Dudley
This course explores the practice of ethnographic analysis, writing, and representation. Through our reading of contemporary ethnographies and theoretical work on ethnographic fieldwork in anthropological and interdisciplinary research, we explore key approaches to intersubjective encounters, including phenomenological anthropology, relational psychoanalysis, affect studies, and the new materialisms. Our inquiries coalesce around the poetics and politics of what it means to sense and sensationalize co-present subjectivities, temporalities, and ontologies in multispecies worlds and global economies. This is a core Anthropology graduate program course; others admitted only by permission of the instructor.

ANTH 515a, Culture, History, Power, and Representation Helen Siu
This seminar is a critical introduction to anthropological formulations of the junctures of meaning, interest, and power. Readings include classical and contemporary ethnographies that are theoretically informed and historically situated.

ANTH 528a / ARCG 528a / EGYP 528a, Magic and Ritual in Ancient Egypt and the Near East John Darnell
Introduction to ancient Egyptian and Near East magic and rituals with an overview on the use of magic and discussion of the different rituals and festivals.

ANTH 541a / ENV 836a / HIST 965a / PLSC 779a, Agrarian Societies: Culture, Society, History, and Development Kalyanakrishnan Sivaramakrishnan, Elisabeth Wood, and Marcela Echeverri Munoz
An interdisciplinary examination of agrarian societies, contemporary and historical, Western and non-Western. Major analytical perspectives from anthropology, economics, history, political science, and environmental studies are used to develop a meaning-centered and historically grounded account of the transformations of rural society. Team-taught.

ANTH 542a, Cultures and Markets: Asia Connected through Time and Space Helen Siu
Historical and contemporary movements of people, goods, and cultural meanings that have defined Asia as a region. Reexamination of state-centered conceptualizations of Asia and of established boundaries in regional studies. The intersections of transregional institutions and local societies and their effects on trading empires, religious traditions, colonial encounters, and cultural fusion. Finance flows that connect East Asia and the Indian Ocean to the Middle East and Africa. The cultures of capital and market in the neoliberal and postsocialist world.
ANTH 555b, China-Africa Encounters  Helen Siu
The seminar focuses on layered structures that linked China and Africa in a broad 'Asian' context. It cuts through policy polemics to provide historically informed and ethnographically nuanced perspectives. The density and diversity of Chinese activities in Africa have grown dramatically in the past decade, colored by volatile markets and the global reach of China for oil and for agricultural and mineral commodities. Themes to explore include diasporic experiences (informal economies, cultural strategies, ethnic and religious tensions in migrant communities); land, finance, infrastructure, and daily lives (the intertwined worlds of state planners, global investors, and local communities); and the meaning of aid and development (comparisons between postcolonial, neoliberal and late-socialist models and long-term societal impact).

ANTH 559a / ARCG 559a, Introduction to Experimental Archaeology  Roderick McIntosh and Ellery Frahm
Experimental archaeology is one of the most important tools to develop and test models that link human behaviors and natural forces to the archaeological record. This class explores the elements of good experimental design and procedures.

ANTH 561a, Anthropology of the Global Economy for Development and Conservation  Carol Carpenter
The seminar explores topics in the anthropology of the global economy that are relevant to development and conservation policy and practice. Anthropologists are often assumed to focus on micro- or local-level research, and thus to have limited usefulness in the contemporary, global world of development and conservation policy. In fact, however, they have been examining global topics since at least the 1980s, and very little current anthropological research is limited to the village level. More importantly, the anthropological perspective on the global economy is unique and important.

ANTH 562b, Unity and Diversity in Chinese Culture  Helen Siu
An exploration of the Chinese identity as it has been reworked over the centuries. Major works in Chinese anthropology and their intellectual connections with general anthropology and historical studies. Topics include kinship and marriage, marketing systems, rituals and popular religion, ethnicity and state making, and the cultural nexus of power.

ANTH 568b, Language, Culture, and Identity  J Joseph Errington
Introduction to the role of language in the constitution of gendered, class, ethnic, and national identities. Ethnographic and linguistic case studies are combined with theoretical and comparative approaches. Enrollment limited to forty.

ANTH 581a, Society and Environment: Introduction to Theory and Method  Michael Dove
An introductory graduate core course on the scope of social scientific contributions to environmental and natural resource issues. Section I presents an overview of the field and course. Section II deals with the way that environmental problems are initially framed. Case studies focus on placing problems in their wider political context, new approaches to uncertainty and failure, and the importance of how the analytical boundaries to resource systems are drawn. Section III focuses on questions of method, including the dynamics of working within development projects, and the art of rapid appraisal and short-term consultations. Section IV is concerned with local peoples and the environment, with case studies addressing myths of tropical forest use and abuse development discourse, and with the question of indigenous peoples and knowledge. This is a foundations course for the M.E.M. curriculum and a core course in the curriculum for the combined Environment/Anthropology doctoral program. Three hours lecture/seminar. Enrollment limited to thirty.

ANTH 588b, Politics of Culture in Southeast Asia  Erik Harms
The course analyzes how Southeast Asian nations promote national culture as part of political and economic agendas. It also explores Southeast Asian cultural and political diversity to rescue the possibility for cultural difference within a global world.

ANTH 594b / AMST 747b / WGSS 633b, Affect and Materiality  Kathryn Dudley
Recent scholarship associated with the "affective turn" and "new materialisms" raises important questions about how we, as existents entangled in imperiled ecologies, know and collectively navigate our multispecies worlds. Refusing to accept classic oppositions between mind/body, self/other, and human/nonhuman, this work has inspired anthropologically inclined scholars to rethink the ways we analyze and write about the experiential regimes of settler colonialism, racialized capitalism, and heteronormativity. Rather than reifying divergent approaches to "affect" and "materiality" as discrete fields of knowledge, this course tracks these concepts across domains of inquiry in which they have long been urgently paramount: black, indigenous, and queer studies. Our goal is to recognize and navigate the alliances, interruptions, and aporias that emerge among fellow travelers committed to the project of feeling and producing anti-imperialist histories, geographies, and ontologies.

ANTH 597a, Social Science of Conservation and Development  Carol Carpenter
This course is designed to provide M.E.M., M.E.Sc., and doctoral students with the opportunity to master the essential social science literature on sustainable development and conservation. Social science makes two contributions to the practice of development and conservation. First, it provides ways of thinking about, researching, and working with social groupings—including rural households and communities, but also development and conservation institutions, states, and NGOs. This aspect includes relations between groups at all these levels, and the role of power in these relations. Second, social science tackles the analysis of the knowledge systems that implicitly shape development and conservation policy and impinge on practice. In other words, we analyze communities but also our own ideas of what communities are. We also examine our ideas about sustainable development and conservation, and we look at development and the institutions that implement it from the perspective of communities. The emphasis throughout is on how these things shape the practice of sustainable development and conservation. Case studies used in the course have been balanced as much as possible between Southeast Asia, South Asia, Africa, and Latin America; most are rural and Third World (largely due to the development and conservation focus). The course includes readings from all noneconomic social sciences. Readings are equally focused on conservation and development. The goal of the course is to stimulate students to apply informed and critical thinking (which means not criticizing others, but questioning our
own underlying assumptions) to whatever roles they may come to play in sustainable development and conservation, in order to move toward more environmentally and socially sustainable projects and policies. The course is also designed to help students shape future research by learning to ask questions that build on, but are unanswered by, the social science theory of conservation and development. No prerequisites. This is a requirement for the joint F&ES/Anthropology doctoral program and a prerequisite for some advanced F&ES courses. Open to advanced undergraduates. Three hours lecture/seminar.

**ANTH 606b, Contemporary Social Theory**  
Aimee Cox  
An overview of central themes and debates in contemporary social theory, with a focus on the integration of theory and research, rather than a hermeneutical analysis of particular theoretical texts. Concentrating on questions of power, inequality, the self, and community, assessment of the relevance of sociological theory to advancing an understanding of the complexities of late-twentieth-century Western society. Critical theory, feminist theories, postmodernism, and the contributions of individual theorists are reviewed and critiqued.

**ANTH 615b / HSHM 755b, Anthropological Perspectives on Science and Technology**  
Lisa Messeri  
The course focuses on ethnographic work on scientific and technical topics, ranging from laboratory studies to everyday technologies. Selected texts include canonical books as well as newer work from early scholars and the most recent work of established scholars. Divided into four units, this seminar explores the theme of "boundaries," a perennial topic in anthropology of science that deals with the possibility and limits of demarcation. Each week, different kinds of boundaries are examined, and students learn to see their social constructedness as well as the power they carry. We begin by exploring where science is and isn't, followed by the boundary between ourselves and technology, which is a specific example of the third boundary we examine: the one artificially drawn between nature and culture. We end with readings on geopolitics and the technologies of delineating nation from nation as well as thinking about postnational scientific states. Class discussion guides each session. One or two students each week are responsible for precirculating a book review on the week's reading, and a third student begins class by reacting to both the texts and the review. The final assignment is a research paper or a review essay.

**ANTH 632b, Politics of Language**  
J Joseph Errington  
The course centers on aspects of language difference and inequality as often neglected but crucial shapers of the political dynamics and social change in plural societies. The first part of the course involves broad comparative and theoretical approaches to the politics of sociolinguistic difference. The second part is devoted to case studies that foreground specific issues: "problems" of substandard languages, bilingual identities, globalization and language shift, language death, and others.

**ANTH 636b / ARCG 636b / EPS 636b, Geoarchaeology: Earth and Environmental Sciences in Archaeological Investigations**  
Ellery Frahm  
A survey of the numerous ways in which theories, approaches, techniques, and data from the earth and environmental sciences are used to address archaeological research questions. A range of interfaces between archaeology and the geological sciences are considered. Topics include stratigraphy, geomorphology, site formation processes, climate reconstruction, site location, and dating techniques.

**ANTH 639a / AFST 639a, Africa, Politics, Anthropology**  
Louisa Lombard  
A historical-anthropological study of politics in Africa. How have anthropologists made sense of the workings of African politics, both those of state and nonstate actors? This course charts how African states came into being, how they operate, and how state agents and the people they govern negotiate legitimacy, authority, and belonging.

**ANTH 651a / WGSS 651a, Intersectionality and Women's Health**  
Marcia Inhorn  
This interdisciplinary seminar explores how the intersections of race, class, gender, and other axes of “difference” (age, sexual orientation, disability status, nation, religion) affect women's health, primarily in the contemporary United States. Recent feminist approaches to intersectionality and multiplicity of oppressions theory are introduced. In addition, the course demonstrates how anthropologists studying women's health issues have contributed to social and feminist theory at the intersections of race, class, and gender.

**ANTH 665a, Evolution of Human Diet**  
Jessica Thompson  
This course examines human nutrition and subsistence behavior from an evolutionary perspective. It begins with human nutritional literature and discussions of our biological requirements, then moves into comparison of modern human dietary ecology with those of other primates, especially our closest living relatives, the great apes. We then turn to literature that demonstrates the methods and theoretical approaches that are currently used to reconstruct past diets. As we begin to follow the evidence for changes in subsistence in the hominin lineage, case studies using these methods are integrated into discussions of how we know what we do about past nutrition. The course spends time on key issues and debates such as changes from closed-habitat to open-habitat foraging, the origins of meat-eating, the role of extractive foraging in human social systems, variation in hunter-forager subsistence systems, the origins of domestication, and the phenomenon of fad diets in industrialized nations. The course is delivered in a seminar-style format, with key readings each week that follow topical themes, with assessment based on in-class participation, critical essays, and a final research project.

**ANTH 700b, The Development of the Discipline: Contemporary Themes**  
Kalyanakrishnan Sivaramakrishnan  
Second term of yearlong core course on the major theoretical orientations in social and cultural anthropology (especially in the United States and Europe), their historical development and importance, their relation to one another and to other disciplines. Reserved for first-year doctoral students in Anthropology. Prerequisite: ANTH 500.

**ANTH 702a / ARCG 702a, Archaeological Approaches to Art and Iconography**  
Oswaldo Chinchilla Mazariogos  
An examination of archaeological approaches to the study of artistic representations in archaeology, focusing on the analysis of style and iconographic interpretations. Case studies are drawn from Pre-Columbian art, particularly Moche art of Peru and Maya art of Mesoamerica.
ANTH 716La / ARCG 716La, Introduction to Archaeological Laboratory Sciences  Ellery Frahm and Roderick McIntosh
Introduction to techniques of archaeological laboratory analysis, with quantitative data styles and statistics appropriate to each. Topics include dating of artifacts, sourcing of ancient materials, remote sensing, and microscopic and biochemical analysis. Specific techniques covered vary from year to year.

ANTH 743a / ARCG 743a, Archaeological Research Design and Proposal Development  William Honeychurch
An effective proposal requires close consideration of all steps of research design, from statement of the problem to data analysis. The course is designed to provide an introduction to the principles by which archaeological research projects are devised and proposed. Students receive intensive training in the preparation of a research proposal with the expectation that the final proposal will be submitted to national and international granting agencies for consideration. The course is structured around the creation of research questions; hypothesis development and statement of expectations; and the explicit linking of expectations to material patterning, field methods, and data analysis. Students review and critique examples of funded and nonfunded research proposals and comment extensively on each other’s proposals. In addition to developing one’s own research, learning to constructively critique the work of colleagues is imperative for becoming a responsible anthropological archaeologist.

ANTH 755b / ARCG 755b, Inca Culture and Society  Richard Burger
The history and organization of the Inca empire and its impact on the nations and cultures conquered by it. The role of archaeology in understanding the transformation of Andean lifeways is explored, as is the interplay between ethnohistoric and archaeological approaches to the subject.

ANTH 756a / ARCG 756a, The Archaeology of Trade and Exchange  Richard Burger
This seminar focuses on archaeological approaches to exchange and trade. As background, we review some of the principal theories of exchange from anthropology and sociology, such as those of Mauss, Malinowski, and Polanyi. The role of trade and exchange in different kinds of societies is examined by contextualizing these transactions within specific cultural configurations and considering the nature of production and consumption as they relate to movement of goods. We consider methods and models that have been used to analyze regions of interaction at different spatial scales and the theoretical arguments about the social impact of inter-regional and intra-regional interactions involving the transfer of goods, including approaches such as world systems, unequal development, and globalization. In addition, we examine the ways that have been utilized in archaeology to identify different kinds of exchange systems, often through analogies to well-documented ethnographic and historic cases. Finally, we consider the range of techniques that have been employed in order to track the movement of goods across space. These sourcing techniques are evaluated in terms of their advantages and disadvantages from an archaeological perspective, and in terms of how the best technical analyses may vary according to the nature of natural or cultural materials under consideration (ceramics, volcanic stone, metals, etc.). The theme for this year’s seminar is obsidian; students select some aspect of obsidian research for their final paper and presentation.

ANTH 759a / ARCG 759a, Social Complexity in Ancient China  Anne Underhill
This seminar explores the variety of archaeological methods and theoretical approaches that have been employed to investigate the development and nature of social complexity in ancient China. The session meetings focus on the later prehistoric and early historic periods, and several geographic regions are included. They also consider how developments in ancient China compare to other areas of the world. Most of the readings emphasize archaeological remains, although relevant information from early historical texts is considered.

ANTH 771b / ARCG 771b, Early Complex Societies  Richard Burger and Roderick McIntosh
A consideration of theories and methods developed by archaeologists to recognize and understand complex societies in prehistory. Topics include the nature of social differentiation and stratification as applied in archaeological interpretation; emergence of complex societies in human history; case studies of societies known ethnographically and archaeologically.

ANTH 772a / ARCG 772a, Cities in Antiquity: The Archaeology of Urbanism  Anne Underhill and Oswaldo Chinchilla Mazariegos
Archaeological studies of ancient cities and urbanism. Topics include the origin and growth of cities; the economic, social, and political implications of urban life; and archaeological methods and theories for the study of ancient urbanism. Case studies include ancient cities around the world.

ANTH 773a / ARCG 773a / NELC 588a, Climate Change, Societal Collapse, and Resilience  Harvey Weiss
Collapse documented in the archaeological and early historical records of the Old and New Worlds, including Mesopotamia, Mesoamerica, the Andes, and Europe. Analysis of politicoeconomic vulnerabilities, resiliencies, and adaptations in the face of abrupt climate change, anthropogenic environmental degradation, resource depletion, “barbarian” incursions, or class conflict.

ANTH 779b / ARCG 779b, Anthropology of Mobile Societies  William Honeychurch
The social and cultural significance of the ways that hunter-gatherers, pastoral nomads, maritime traders, and members of our own society traverse space. The impact of mobility and transport technologies on subsistence, trade, interaction, and warfare from the first horse riders of five thousand years ago to jet-propulsion tourists of today.

ANTH 812a, Current Topics in Anthropological Genetics
This course is a series of seminars on cutting-edge topics in the field of anthropological genetics. Topics include the use of modern and ancient DNA as powerful tools for studying human evolution, population history, and adaptation. The course also explores ethical and social implications of human genetic research and direct-to-consumer genetic testing. Students actively work through these topics, using readings, presentations, and class discussions. Students learn how genetic data can help us unlock our evolutionary past, how to interpret and communicate human genetic variation, and how to assess issues and challenges of conducting anthropological genetic research.
ANTH 824a, Politics of Memory
This course explores the role of memory as a social, cultural, and political force in contemporary society. How societies remember difficult pasts has become a contested site for negotiating the present. Through the lens of memory, we examine complex roles that our relationships to difficult pasts play in navigating issues we face today. The course explores the politics of memory that takes place in the realm of popular culture and public space. It asks such questions as: How do you represent difficult and contested pasts? What does it mean to enable long-silenced victims’ voices to be heard? What are the consequences of re-narrating the past by highlighting past injuries and trauma? Does memory work heal or open wounds of a society and a nation? Through examples drawn from the Holocaust, the atomic bombing in Hiroshima, the Vietnam War, genocide in Indonesia, and massacres in Lebanon, to debates on confederacy statues, slavery, and lynching in the United States, the course approaches these questions through an anthropological exploration of concepts such as memory, trauma, mourning, silence, voice, testimony, and victimhood.

ANTH 835b / E&EB 842b, Primate Diversity and Evolution  Eric Sargis
The diversity and evolutionary history of living and extinct primates. Focus on major controversies in primate systematics and evolution, including the origins and relationships of several groups. Consideration of both morphological and molecular studies. Morphological diversity and adaptations explored through museum specimens and fossil casts.

ANTH 857b / EPS 857b, Topics and Issues in Evolutionary Theory  Eric Sargis and Jacques Gauthier
Focus on classic and current literature in theoretical evolutionary biology, intended to give students intensive training in critical analysis of theoretical concepts and in scientific writing.

ANTH 864a or b / ARCG 864a or b, Human Osteology  Eric Sargis
A lecture and laboratory course focusing on the characteristics of the human skeleton and its use in studies of functional morphology, paleodemography, and paleopathology. Laboratories familiarize students with skeletal parts; lectures focus on the nature of bone tissue, its biomechanical modification, sexing, aging, and interpretation of lesions.

ANTH 880a, Evolutionary Biology of Infant Care  Claudia Valeggia and Eduardo Fernandez-Duque
Few aspects of the behavior of human and nonhuman primates are so intriguing, yet so poorly understood, as the prevalence of intense alloparental care in some primate species and human societies. Early hominoids probably evolved a social organization that, among other things, changed from involving loose male-female relationships to close dyadic partnerships requiring provisioning of offspring by other individuals besides the mother. Therefore, the development of extensive alloparental care and provisioning is considered a fundamental adaptation in the evolution of human life history patterns and in the differentiation of humans from other primates.

ANTH 950a or b, Directed Research: Preparation for Qualifying Exam  Staff
By arrangement with faculty.

ANTH 951a or b, Directed Research in Ethnology and Social Anthropology  Staff
By arrangement with faculty.

ANTH 952a or b, Directed Research in Linguistics  Staff
By arrangement with faculty.

ANTH 953a or b, Directed Research in Archaeology and Prehistory  Staff
By arrangement with faculty.

ANTH 954a or b, Directed Research in Biological Anthropology  Staff
By arrangement with faculty.

ANTH 963a and ANTH 964b / HIST 963a and HIST 964b / HSAR 841a and HSAR 842b / HSHM 691a and HSHM 692b, Topics in the Environmental Humanities  Paul Sabin and Kalyanakrishnan Sivaramakrishnan
This is the required workshop for the Graduate Certificate in Environmental Humanities. The workshop meets six times per term to explore concepts, methods, and pedagogy in the environmental humanities, and to share student and faculty research. Each student pursuing the Graduate Certificate in Environmental Humanities must complete both a fall term and a spring term of the workshop, but the two terms of student participation need not be consecutive. The fall term each year emphasizes key concepts and major intellectual currents. The spring term each year emphasizes pedagogy, methods, and public practice. Specific topics vary each year. Students who have previously enrolled in the course may audit the course in a subsequent year. Open only to students pursuing the Graduate Certificate in Environmental Humanities. ½ Course cr per term

ANTH 965a or b, Directed Research in Physical Anthropology  Staff
By arrangement with faculty.