ANTHROPOLOGY (ANTH)

* ANTH 011a, Reproductive Technologies  Marcia Inhorn
Introduction to scholarship on the anthropology of reproduction. Focus on reproductive technologies such as contraceptives, prenatal diagnostics, childbirth technologies, abortion, assisted reproduction, surrogacy, and embryonic stem cells. The globalization of reproductive technologies, including social, cultural, legal, and ethical responses. Enrollment limited to first-year students. Preregistration required; see under First-Year Seminar Program.  SC

* ANTH 018a, Scientific Thinking and Reasoning  Eduardo Fernandez-Duque
Students read, discuss and reflect on the paramount importance of science and quantitative reasoning in their lives through an exploration of the basic elements of a quantitative scientific process of inquiry. The goal of the course is to introduce students to foundational topics in science that must be, but sometimes are not, thoroughly considered early in the process of scientific inquiry. The first part focuses on reading about truth, facts and skepticism, causality, inference, deductive and inductive reasoning, research questions, and formulation of hypotheses and predictions. The second part considers aspects related to the actual development and implementation of a scientific study including considerations of types of study (e.g., observational, experimental), study feasibility, sample size, selection and validity of variables, power analysis, confounding factors. The third part considers the analyses, interpretation and presentation of results, offering introductory explanations of a priori statistical protocols; predictive and/or explanatory power and interpretation of both statistical significance and research relevance. The course is neither a lecture or seminar, but instead each meeting is a hybrid of both formats; a format where students are required to be active participants in the process of learning. Enrollment limited to first-year students. Preregistration required; see under First-Year Seminar Program.  SC, SO

* ANTH 021b / PLSC 075b, Memorialization of Mass Atrocities in the Digital Age  David Simon
This seminar explores the means, methods, and meaning of digitization of memorialization of mass violence. Along the way, we address a series of questions, such as "How has digitization changed the way in which violent pasts are represented, shared, and remembered?", "How do the means of memorialization influence what gets remembered?", "What advantages# and what risks# does digital media pose for the project of memorialization?", "How can digital technology be used# and perhaps misused# in the service of memorialization?", "In what directions# and to what consequences# can we expect memorialization to move in the future, in light of technological change?" The course is premised on the notion that memorialization is a key project that allows individuals, communities, and societies to process episodes of mass violence in their own recent# or even distant# pasts. Enrollment limited to freshmen. Preregistration required; see under First-Year Seminar Program.  SO

* ANTH 040b, The Evolution of Human Uniqueness  David Watts
Current ideas in anthropology about what facilitated the evolutionary success of Homo sapiens and what distinguishes humans from other primates. The fossil and archaeological records for human evolution and the evolution of social behavior; research on nonhuman primate behavior and cognitive abilities, with an emphasis on chimpanzees; insights and limitations of comparative primate research. Enrollment limited to freshmen. Preregistration required; see under Freshman Seminar Program.  SO

ANTH 110b, An Introduction to Cultural Anthropology  Staff
Anthropological study of cosmology, tacit knowledge, and ways of knowing the world in specific social settings. Ways in which sociocultural specificity helps to explain human solutions to problems of cooperation and conflict, production and reproduction, expression, and belief. Introduction to anthropological ways of understanding cultural difference in approaches to sickness and healing, gender and sexuality, economics, religion, and communication.  SO

ANTH 116a, Introduction to Biological Anthropology  Jessica Thompson
Introduction to human and primate evolution, primate behavior, and human biology. Topics include a review of principles of evolutionary biology and basic molecular and population genetics; the behavior, ecology, and evolution of nonhuman primates; the fossil and archaeological record for human evolution; the origin of modern humans; biological variation in living humans; and the evolution of human behavior.  SC, SO

* ANTH 128a / CLCV 307a / RLST 128a, Emotion and Identity in Antiquity  Daniel An
"You are what you feel." But how much control do we have over how we feel? Does – or can – everyone experience the world through the same categories of feeling, or "emotions"? To what extent are people's emotional options constrained or scripted by aspects of identity such as religion, gender, class, and language? This seminar explores the connections between emotions and identity in the context of the ancient Mediterranean world, with reference to modern theories of emotion along the way. Topics covered include (1) ancient theories of what emotions are and how they relate to the "self"; (2) norms concerning which emotions are "proper" and for whom (including humans, animals, and gods; women and men; and "pagans," Jews, and Christians); and (3) practical methods used to cultivate certain emotions over others.  HU

ANTH 171a / ARCG 171a, Great Civilizations of the Ancient World  Anne Underhill
A survey of selected prehistoric and historical cultures through examination of archaeological sites and materials. Emphasis on the methodological and theoretical approaches by which archaeologists recover, analyze, and interpret the material remains of the past.  SO

ANTH 204a, Molecular Anthropology  Serena Tucci
This course is a perfect introduction for anyone interested in understanding how genetics can help us answer fundamental questions in human evolution and population history. The course is a series of lectures on basic principles of population genetics, molecular evolution,
Humans belong to the Hominoidea, a family of primates that also include the apes (gibbons, orangutans, gorillas, chimpanzees, and bonobos). The evolutionary history that we share with living apes, combined with our inability to study the behavior of extinct hominins (members of the human lineage since it diverged from the last common ancestor with chimpanzees and bonobos) directly, makes comparative research on their anatomy, social behavior, ecology, and psychology highly relevant to many issues in the study of human evolution. This course provides an overview of ape evolution, ecology, and social behavior and uses this as background for addressing some of these issues. Examples include how research on apes contributes to reconstructions of the behavior and ecology of extinct hominins; what we can learn from chimpanzees about the importance of hunting and meat eating in human evolution; whether data on intergroup aggression in chimpanzees provides insights into human behavior, and why chimpanzee-bonobo contrasts are important; how studying communication informs us about communication in humans, and whether it tells us anything about language; whether chimpanzees have culture; and how research on ape cognition challenges or confirms claims for human uniqueness.
* ANTH 301a / ARCG 301a, Foundations of Modern Archaeology  Richard Burger
Discussion of how method, theory, and social policy have influenced the development of archaeology as a set of methods, an academic discipline, and a political tool. Background in the basics of archaeology equivalent to one introductory course is assumed.  SO

* ANTH 308b / WGSS 407b, Feminist & Queer Ethnographies: Family, Community, Nation  Eda Pepi
This course centers the analytics and methods that feminist and queer ethnographic analyses have brought to the fore to revisit a cluster of topical issues, this year assembled around the theme: Family, Community, Nation. As a site in which personhood is distributed and contested, the “family” is one of the building blocks of social scientific analysis—along with “community” and “nation.” Seen as ideological lynchpins for the reproduction of the social order, processes of family-making—like marriage, divorce, childbirth, and intergenerational flows—have been codified differently across historical and cultural contexts. This course engages the feminist and queer ethnographies that revealed the political hierarchies that emerge from seemingly natural categories and distinctions of kinship. We trace the gendered, sexualized, class-making, and racialized concepts, processes, and implicit understandings of family-making that chart the public and private spheres of community and national terrains. Students grapple with the processes of naturalization and denaturalization through which the “political” is mobilized and dyads like kin/kith, blood/soul, human/nonhuman, citizen/noncitizen, us/them, are made to appear. We also engage with feminist and queer methodologies that conjure up speculative fabulations for, what Saidiya Hartman has called, “the radical hope for living otherwise.” We do so at a time when the global Covid-19 pandemic has demanded the resurgence of the state, tested community ties, transformed family arrangements, and isolated most of the world’s population within domestic domains.  HU, SO  RP

* ANTH 309a, Language and Culture  Paul Kockelman
The relations between language, culture, and cognition. What meaning is and why it matters. Readings in recent and classic works by anthropologists, linguists, psychologists, and philosophers.  SO

ANTH 316La / ARCG 316La, Introduction to Archaeological Laboratory Sciences  Ellery Frahm
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 319a / RSEE 375a, Migration and the Everyday in Russia and Eurasia  Lauren Woodard
The end of the 20th century was characterized by movement—as Cold War era barriers lifted, citizens from Russia, Eastern Europe, the Caucasus, and Central Asia joined their counterparts across the globe as they crossed national borders. In this course, we zoom in from the macro questions of what forces propel migration to focus on the everyday, lived experiences of migration to ask: (1) How do individuals and communities experience and understand new forms of belonging that emerge through transnational migration? (2) How do societies, governments, NGOs, scholars, and others legitimate some forms of migration over others (such as refugees versus economic migrants)? (3) How do societies and governments seek to regulate migration, and how do migrants navigate such obstacles to assert belonging? Drawing on the anthropology of migration—and that of kindred social sciences—we explore migration, citizenship, and belonging as debated and lived in Russia, Eastern Europe, Eurasia.  SO

* ANTH 322a / EVST 324a / SAST 306a, Environmental Justice in South Asia  Kalyanakrishnan Sivarmanakrishnan
Study of South Asia’s nation building and economic development in the aftermath of war and decolonization in the 20th century. How it generated unprecedented stress on natural environments; increased social disparity; and exposure of the poor and minorities to environmental risks and loss of homes, livelihoods, and cultural resources. Discussion of the rise of environmental justice movements and policies in the region as the world comes to grips with living in the Anthropocene.  SO

* ANTH 326b / ARCG 326b, Ancient Civilizations of the Eurasian Steppes  William Honeychurch
Examination of peoples of the steppe zone that stretches from Eastern Europe to Mongolia. Overview of what archaeologists know about Eurasian steppe societies, with emphasis on the Neolithic, Bronze and Iron, and medieval ages. Attention both to material culture and to historical sources. Topics range from the domestication of the horse to Genghis Khan’s world empire, including the impact these events had on neighboring civilizations in Europe and Asia.  SO

* ANTH 346b, Anthropological Approaches to Capitalism  Douglas Rogers
An introduction to the anthropological study of capitalism. Focus on how markets and commodities are embedded in social, cultural, and political contexts. Discussion of the many ways people have embraced, reinterpreted, and resisted capitalism worldwide. Consideration of the implications of this diversity for theories of capitalism as a whole. Enrollment limited to sophomores.  SO

* ANTH 354b, Cuerpos Femeninos (Female Bodies): Biology, Evolution, and Society  Claudia Valeggia
This course is not your regular lecture or seminar class. It is indeed a journey, an exploration of female bodies from an evolutionary and biosocial perspective. We focus on physiological, ecological, and social aspects of women’s development from puberty, through reproductive processes such as menstrual cycles, pregnancy, birth, postpartum and breastfeeding, and menopause. We also explore variation in female life histories in a variety of western and non-western cultural and ecological settings. Examples are drawn primarily from traditional and modern human societies and our own life experiences. We encourage critical thinking at all times with the hope that discussions in this class become useful when making decisions about your lives as citizens, potential parents, health care providers, health care recipients, and policy makers. This course is taught entirely in Spanish. Open to students who have placed into L5 courses or who have successfully completed an L4 course in Spanish.  15, SO
* ANTH 366b / AMST 435b, Inequality in America  Kathryn Dudley
Sociocultural dimensions of social inequality in the contemporary United States. Ways in which the socioeconomic processes that produce inequality are inextricably embedded in worlds of cultural meaning; how those meanings are constructed and embodied in everyday practice. Perspectives from anthropology, sociology, economics, history, and popular media. SO

* ANTH 367a, Technology and Culture  Lisa Messeri
This class examines how technology matters in our daily lives. How do technologies shape understandings of ourselves, the worlds we inhabit, and each other? How do the values and assumptions of engineers and innovators shape our behaviors? How do technologies change over time and between cultures. Students learn to think about technology and culture as co-constituted. We read and discuss texts from history and anthropology of science, as well as fictional explorations relevant to course topics. SO

* ANTH 371a, Modern Indonesia  J Joseph Errington
Political and cultural dynamics in contemporary Indonesia explored from historical and anthropological perspectives. Major ethnic groups, key historical dynamics, political culture, and interaction between modernization and traditional lifeways. Issues of ethnicity, gender, religion, and economy in situations of rapid social change. SO RP

* ANTH 374a / ARCG 374a / LAST 374a, Origins of Andean Civilization  Richard Burger
The diversity of early Andean complex societies and their transformations during the first two millennia B.C. Special attention to the Chavin civilization of the northern Peruvian highlands, including its art, technology, socioeconomic organization, territorial expansion, and cultural antecedents. Emphasis on recent research and on explanatory models that have been used to explain the emergence of complexity in pre-Hispanic Peru. SO

* ANTH 376b / EVST 377b, Observing and Measuring Behavior  Eduardo Fernandez-Duque
Survey of theoretical issues and practical methods relevant to the study of animal and human behavior, primarily in the wild. Topics include research design, behavioral and ecological sampling protocols, basic methods for data analysis, including simple descriptive and analytical statistics, and widely-used technologies that facilitate the study of behavior, such as radiotelemetry. Working around a specific research question, students design their own behavioral study. Prerequisite: Course in evolutionary biology or in the study of animal behavior. SC, SO

ANTH 380a / LING 210a, The Evolution of Language and Culture  Claire Bowern
Introduction to cultural and linguistic evolution. How human language arose; how diversity evolves; how innovations proceed through a community; who within a community drives change; how changes can be “undone” to reconstruct the past. Methods originally developed for studying evolutionary biology are applied to language and culture. WR, SO

* ANTH 381a / WGSS 378a, Sex and Global Politics  Graeme Reid
Global perspectives on the sexual politics of gender identity, sexual orientation, and human rights. Examination of historical, cultural, and political aspects of sexual orientation and gender identity in the context of globalization. SO

* ANTH 385b / ARCG 385b, Archaeological Ceramics  Anne Underhill
Archaeological methods for analyzing and interpreting ceramics, arguably the most common type of object found in ancient sites. Focus on what different aspects of ceramic vessels reveal about the people who made them and used them. SO

* ANTH 386a / GLBL 393a, Humanitarian Interventions: Ethics, Politics, and Health  Sigridur Benediktsdottir and Catherine Panter-Brick
Analysis of humanitarian interventions from a variety of social science disciplinary perspectives. Issues related to policy, legal protection, health care, morality, and governance in relation to the moral imperative to save lives in conditions of extreme adversity. Promotion of dialogue between social scientists and humanitarian practitioners. WR, SO

* ANTH 387b / ARCG 387b, East Asian Objects and Museums  Anne Underhill
Exploration of East Asian art and anthropological collections at Yale’s museums and at other major museums in North America and East Asia. Through study of the pioneers who created these collections and the formation history of the collections, students consider the meaning and importance of contemporary museum practice. A student-curated exhibition in conjunction with Yale University Art Gallery. Trips to regional museums and attendance at Yale sponsored conference on Korean Art and Photograph Collections. SO

* ANTH 388b, Politics of Culture in Southeast Asia  Erik Harms
The promotion of national culture as part of political and economic agendas in Southeast Asia. Cultural and political diversity as a method for maintaining a country’s cultural difference in a global world. SO

* ANTH 391b / ARCG 391b, Paleoclimate and Human Response  Roderick McIntosh
The recursive interaction of climate change with human perception and manipulation of the landscape. Mechanisms and measures of climate change; three case studies of historical response to change at different scales. Prerequisite: an introductory course in archaeology. SO

* ANTH 394a, Methods and Research in Molecular Anthropology I  Serena Tucci
The first part of a two-semester practical introduction to molecular analysis of anthropological questions. Discussion of genetics and molecular evolution, particularly as they address issues in anthropology, combined with laboratory sessions on basic tools for genetic analysis and bioinformatics. Development of research projects to be carried out in ANTH 395. SC
This seminar explores the gendered and ethnic-based social processes and forms of power that citizenship, statelessness, and migration crises fuel, and are fueled by, in the Middle East and North Africa. The history of gender and citizenship in the region is imbued in ethnossexual and orientalist colonial legacies that articulate a racialized problematic of “modernity.” Part of these legacies involve obscuring the role that women, sexual minorities, and gender, more broadly, have played in framing citizenship and statehood in the Middle East and North Africa. The seminar presents ethnographic, historical, literary and visual scholarship that theorizes the role of kinship and citizenship in gendered and racialized narratives of the nation and political sovereignty.
* ANTH 448a, Medical Anthropology at the Intersections: Theory and Ethnography  Marcia Inhorn
The field of medical anthropology boasts a rich theoretical and empirical tradition, in which critically acclaimed ethnographies have been written on topics ranging from local biologies to structural violence. Many scholars engage across the social science and humanities disciplines, as well as with medicine and public health, offering both critiques and applied interventions. This medical anthropology seminar showcases the theoretical and ethnographic engagements of nearly a dozen leading medical anthropologists, with a focus on their canonical works and their intersections across disciplines. Prerequisite: A prior medical anthropology course or permission of instructor.

* ANTH 451b / WGSS 431b, Intersectionality and Women’s Health  Marcia Inhorn
The intersections of race, class, gender, and other axes of “difference” and their effects on women’s health, primarily in the contemporary United States. Recent feminist approaches to intersectionality and multiplicity of oppressions theory. Ways in which anthropologists studying women’s health issues have contributed to social and feminist theory at the intersections of race, class, and gender.  SO

* ANTH 454b / ARCG 454b, Statistics for Archaeological Analysis  William Honeychurch
An introduction to quantitative data collection, analysis, and argumentation for archaeologists. Emphasis on the exploration, visualization, and analysis of specifically archaeological data using simple statistical approaches. No prior knowledge of statistics required.  QR

ANTH 464a / ARCG 464a / E&EB 464a, 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.  SC, SO

* ANTH 467b / LITR 467b, Blood: Science, Culture, and Society  Claudia Valeggia and Moira Fradinger
How does biology define blood? What can the history of the science of blood tell us about blood’s mythical connotations? Why is blood so often used in cultural narratives of national belonging, fear and desire, purity and impurity? This cross-divisional seminar explores the complexity of blood from the disciplinary angles of medical anthropology and the humanities. We study how cultural narratives have informed scientific research about blood and how scientific research has influenced cultural beliefs surrounding blood. Blood is a biological substance bearing a host of social meanings. It can keep communities together and tear them apart. The course establishes a transdisciplinary dialogue in order to study the complexity of blood in different cultures. We treat topics such as, among others, the role of blood in religious sacrifice; the history of blood therapies; the mythologies of vampires; the relationship of blood to ideologies of gender, class, race and ethnicity; and the roles played by blood in works of art.  HU, SO

* ANTH 471a or b and ANTH 472a or b, Readings in Anthropology  Staff
For students who wish to investigate an area of anthropology not covered by regular departmental offerings. The project must terminate with at least a term paper or its equivalent. No student may take more than two terms for credit. To apply for admission, a student should present a prospectus and bibliography to the director of undergraduate studies no later than the third week of the term. Written approval from the faculty member who will direct the student’s reading and writing must accompany the prospectus.

* ANTH 473a / ARCG 473a / EVST 473a / NELC 473a, Climate Change, Societal Collapse, and Resilience  Harvey Weiss
The coincidence of societal collapses throughout history with decadal and century-scale abrupt climate change events. Challenges to anthropological and historical paradigms of cultural adaptation and resilience. Examination of archaeological and historical records and high-resolution sets of paleoclimate proxies.  HU, SO

* ANTH 491a or b, The Senior Essay  Staff
Supervised investigation of some topic in depth. The course requirement is a long essay to be submitted as the student’s senior essay. By the end of the third week of the term in which the essay is written, the student must present a prospectus and a preliminary bibliography to the director of undergraduate studies. Written approval from an Anthropology faculty adviser and an indication of a preferred second reader must accompany the prospectus.