



*Autumn*, by Giuseppe Arcimboldi (c. 1527-1593)

**Environmental Humanities Courses  
Fall 2017  
Yale University**

# The Environmental Humanities at Yale

Humanity's relationship with the natural world is deeply shaped by history, culture, social relationships, and values. Society's environmental challenges often have their roots in how people relate to each other and how we think about environmental problems and even "the environment" itself.

The Yale Environmental Humanities Initiative aims to deepen our understanding of the ways that culture is intertwined with nature. Faculty and students from diverse disciplines and programs across the university together can pursue a broad interdisciplinary conversation about humanity and the fate of the planet.

Each academic year, Yale offers dozens of courses that approach environmental issues from a broad range of humanities perspectives. Some of the courses are entirely focused on the environment and the humanities; others approach the environmental humanities as one of several integrated themes. This accompanying list provides a guide to course offerings for the Fall 2017 semester.

## **Undergraduate Courses, Fall 2017**

## **Graduate Courses, Fall 2017**

## **Related Courses, Fall 2017**

**Web:** [Environmentalhumanities.yale.edu](http://Environmentalhumanities.yale.edu) **Email:** [Environmentalhumanities@yale.edu](mailto:Environmentalhumanities@yale.edu) **Twitter:** [@YaleEnvHum](https://twitter.com/YaleEnvHum)

***Sign up for the Yale Environmental Humanities Newsletter for upcoming events and news***

*Yale Environmental Humanities gratefully acknowledges the financial support of the inaugural 320 York Humanities Grant Program and the School of Forestry and Environmental Studies.*

## Undergraduate Courses

ER&M 226 01 (10306) /SOCY190/AFAM196/AMST196/EVST196

### **Race, Class, and Gender in American Cities**

Laura Barraclough

TTh 10.30-11.20

1 HTBA

Areas So

Examination of how racial, gender, and class inequalities have been built, sustained, and challenged in American cities. Focus on the twentieth and twenty-first centuries. Topics include industrialization and deindustrialization, segregation, gendered public/private split, gentrification, transit equity, environmental justice, food access, and the relationships between public space, democracy, and community wellbeing. Includes field projects in New Haven.



AMST 304 01 (13386) /EVST352

### **Food and Documentary**

Ian Cheney

T 7.00-9.00p

W 2.30-4.20

Survey of contemporary public debates and current scientific thinking about how America farms and eats explored through the medium of documentary film. Includes a brief history of early food and agrarian documentaries, with a focus on twenty-first century films that consider sustainable food.

ARCG 226 01 (13240) /NELC268/EVST226/NELC605

### **Global Environmental History**

Harvey Weiss

TTh 9.00-10.15

Areas So

The dynamic relationship between environmental and social forces from the Pleistocene glaciations to the Anthropocene present. Pleistocene extinctions; transition from hunting and gathering to agriculture; origins of cities, states, and civilization; adaptations and collapses of Old and New World civilizations in the face of climate disasters; the destruction and reconstruction of the New World by the Old. Focus on issues of adaptation, resilience, and sustainability, including forces that caused long-term societal change.



ARCG 399 01 (13246) /EVST399/NELC399/F&ES774/ANTH478/NELC606

### **Agriculture: Origins, Evolution, Crises**

Harvey Weiss

Th 3.30-5.20

Areas So

Permission of instructor required

Analysis of the societal and environmental drivers and effects of plant and animal domestication, the intensification of agroproduction, and the crises of agroproduction: land degradation, societal collapses, sociopolitical transformation, sustainability, and biodiversity.

EVST 249 01 (15606) /HIST457J

### **Empire and Environment in American History**

Eric Rutkow

W 1.30-3.20

Skills WR

Areas Hu

Permission of instructor required

The environmental dimensions of United States foreign relations from the colonial era to the present. Themes include imperialism and ideology, political economy, corporate behavior, and issues of gender, race, nationhood, and indigeneity.

EVST 255 01 (11080) /PLSC215/F&ES255

**Environmental Politics and Law**

John Wargo  
TTh 10.30-11.20  
Areas So

Exploration of the politics, policy, and law associated with attempts to manage environmental quality and natural resources. Themes of democracy, liberty, power, property, equality, causation, and risk. Case histories include air quality, water quality and quantity, pesticides and toxic substances, land use, agriculture and food, parks and protected areas, and energy.



ANTH 407 01 (10366) /ARCG407/ARCG707/ANTH707

**Origins of Complex Societies in West Africa**

Roderick McIntosh  
T 2.30-4.20

Areas So

Permission of instructor required

YC Anthropology: Archaeology

Meets during reading period

The great diversity of complex societies that emerged in prehistoric West Africa. Readings from site reports and primary source articles.



ARCH 260 01 (10467)

**History of Architecture I: Antiquity to the Baroque**

Daniel Sherer  
TTh 10.30-11.20

1 HTBA

Areas Hu

The first half of a two-term sequence in the history of architecture. Architecture and urbanism from ancient Egypt through Greek and Roman classical traditions to the Enlightenment. The formal expression—organizational, structural, and ornamental—and social context of specific buildings and urban areas. Architecture as a form of social expression that builds on its own stylistic development, articulating a response to changes in history and culture. Emphasis on Western architecture, with selections from other parts of the world.

ANTH 322 01 (13772) /SAST306/EVST324

**Environmental Justice in South Asia**

Kalyanakrishnan Sivaramakrishnan  
Luisa Cortesi

1 HTBA

Areas So

Permission of instructor required

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.

HIST 402 01 (11277) /HSHM214

**Extraterrestrials in History**

Ivano Dal Prete  
MW 11.35-12.25

1 HTBA

Areas Hu

The notion of extraterrestrials and "radical others" in history and culture from antiquity to the present. Topics include other worlds and their inhabitants in ancient Greece; medieval debates on the plurality of worlds; angels, freaks, native Americans, and other "aliens" of the Renaissance; comet dwellers in puritan New England; Mars as a socialist utopia in the early twentieth century; and visitors from space in American popular culture.

HIST 228J 01 (11326)

**Venice and the Mediterranean, 1400–1700**

Francesca Trivellato

W 3.30-5.20

Skills WR

Areas Hu

Pre-Industrial Course

Permission of instructor required

Major issues in the history of Venice and the Mediterranean in the early modern period as they emerge from the works of historians and from a reading of primary sources in English translation. Topics include travel narratives, the organization of trade, slavery, Venetian republicanism, women and gender roles, the Inquisition, ethnic and religious minorities, and relations between East and West.



HIST 260J 01 (11283) /HSHM468

**Sex, Life, and Generation**

Ivano Dal Prete

W 3.30-5.20

Areas Hu

Permission of instructor required

Theories and practices of life, sex, and generation in Western civilization. Politics and policies of conception and birth; social control of abortion and infanticide in premodern societies; theories of life and gender; the changing status of the embryo; the lure of artificial life.

AMST 344 01 (13159) /ENGL433/AMST723/ENGL833

**The Nonhuman in Literature since 1800**

Wai Chee Dimock

W 9.25-11.15

Skills WR

Areas Hu

Permission of instructor required

Nonhuman life forms in fiction and poetry from the nineteenth century to the twenty-first, including plants and animals, monsters and viruses, intelligent machines, and extraterrestrial aliens. The complexity and variety of nonhuman ecology.



HIST 467J 01 (11279) /HSHM422

**Cartography, Territory, and Identity**

William Rankin

M 1.30-3.20

Skills WR

Areas Hu

Permission of instructor required

Exploration of how maps shape assumptions about territory, land, sovereignty, and identity. The relationship between scientific cartography and conquest, the geography of statecraft, religious cartographies, encounters between Western and non-Western cultures, and reactions to cartographic objectivity. Students make their own maps. No previous experience in cartography or graphic design required.

AMST 188 01 (11304) /HIST115

**The Colonial Period of American History**

Rebecca Tannenbaum

MW 1.30-2.20

Areas Hu

Significant themes in American life, 1607-1750: politics and imperial governance, social structure, religion, ecology, race relations, gender, popular culture, the rhythms of everyday life.

HSAR 218L 01 (11657) /MB&B218L

**Art and Biomolecular Recognition Laboratory**

Andrew Miranker

TTh 2.30-4.30

Areas Sc

Permission of instructor required

Meets during reading period

Students create and execute original projects in materials science using biotechnological tools. Introduction to the technical examination of art, with analysis of works from Yale University Art Gallery collections; the chemical basis of artist's materials; applied techniques in biomolecular evolution.

This course will meet one day a week on West Campus in Room A222B and one day a week on main campus.

Prerequisite: college-level chemistry and/or biology, or the equivalent in advanced placement. Enrollment limited; preference to students not majoring in the biological sciences. Preregistration required; interested students should e-mail the instructor prior to the first week of classes.

HUMS 455 02 (13399)

**The Physics of Dance**

Sarah Demers Konezny

MW 1.30-3.20

Skills QR

Areas Hu, Sc

Permission of instructor required

Critical investigation of introductory concepts in physics through the lens of dance. Topics in physics include the normal force, friction, Newton's laws, projectile motion, potential and kinetic energy, and conservation of energy. Topics in dance include aspects of dance history, contemporary artists who engage with science, and the development of movement studies. Class meetings include movement exercises.

Prerequisite: basic trigonometry and algebra. Prior dance experience is not required.



AMST 453 01 (12635) /THST417/ENGL425

**Literature and Performance in New Orleans**

Joseph Roach

TTh 11.35-12.50

Skills WR

Areas Hu

Permission of instructor required

Through perspectives and approaches of English literature, American studies, African-American studies, comparative literature, and theater and performance studies, students explore the sources of creative inspiration that writers and performers find in NOLA, including its cultural mystique, its colonial history, its troubled assimilation into Anglo-North America, its tortured racial politics, its natural and built environment, its spirit-world practices, its raucous festive life, its eccentric characters, its food, its music, its predisposition to catastrophe, and its capacity for re-invention and survival.



ARCH 385 01 (11982) /SOCY149/AMST198/HIST152/PLSC279

**New Haven and the American City**

Elihu Rubin

Alan Plattus

TTh 11.35-12.25

1 HTBA

Areas So

Introduction to urban studies using New Haven as a model for the American city.

Emphasis on historical development; urban planning; the built environment; transportation and infrastructure; reform and redevelopment; architecture and urban design; sustainability and equity.

ARCG 120 01 (11399) /HSAR200

**Art and Architecture of Mesoamerica**

Mary Miller

MW 11.35-12.25

1 HTBA

Areas Hu

Art and architecture in Mexico and Central America from the beginnings of urban settlement to the Spanish invasion.

Examination of the Olmec, Maya, Teotihuacan, Zapotec, Mixtec, and Aztec cultures, with particular attention to meaning and cultural identity as expressed in monumental sculpture, hand-held objects, and the built environment.

ARCH 360 01 (13012)

**Urban Lab I: An Urban World**

Joyce Hsiang  
Th 10.30-1.20  
1 HTBA  
Areas Hu

Permission of instructor required

Understanding the urban environment through methods of research, spatial analysis, and diverse means of representation that address historical, social, political, and environmental issues that consider design at the scale of the entire world. Through timelines, maps, diagrams, collages and film, students frame a unique spatial problem and speculate on urbanization at the global scale.

Prerequisites: For non-majors: permission of the instructor is required. For ARCH majors: ARCH 150, 200, and 280.



ENGL 241 01 (13384) /EVST224

**Writing About The Environment**

Alan Burdick  
W 2.30-4.20

Permission of instructor required

Exploration of ways in which the environment and the natural world can be channeled for literary expression. Reading and discussion of essays, reportage, and book-length works, by scientists and non-scientists alike. Students learn how to create narrative tension while also conveying complex—sometimes highly technical—information; the role of the first person in this type of writing; and where the human environment ends and the non-human one begins.

EP&E 390 01 (12871) /PLSC212/EVST212

**Democracy and Sustainability**

Michael Fotos  
Th 9.25-11.15

Areas So

Permission of instructor required

YC EP&E: Advanced Seminar

Democracy, liberty, and the sustainable use of natural resources. Concepts include institutional analysis, democratic consent, property rights, market failure, and common pool resources. Topics of policy substance are related to human use of the environment and to U.S. and global political institutions.



EVST 294 01 (12198) /RUSS355/HUMS294/RSEE355

**Ecology and Russian Culture**

Molly Brunson  
M 1.30-3.20

Areas Hu

Permission of instructor required

Interdisciplinary study of Russian literature, film, and art from the nineteenth to the twenty-first centuries, organized into four units—forest, farm, labor, and disaster. Topics include: perception and representation of nature; deforestation and human habitation; politics and culture of land-ownership; leisure, labor, and forced labor; modernity and industrialization; and nuclear technologies and disasters. Analysis of short stories, novels, and supplementary readings on ecocriticism and environmental humanities, as well as films, paintings, and visual materials. Several course meetings take place at the Yale Farm. Readings and discussions in English.

GLBL 217 01 (11084) /EVST292/PLSC149

**Sustainability in the Twenty-First Century**

Daniel Esty  
MW 1.00-2.15

Areas So

Sustainability as an overarching framework for life in the twenty-first century. Ways in which this integrated policy concept diverges from the approaches to environmental protection and economic development that were pursued in the twentieth century. The interlocking challenges that stem from society's simultaneous desires for economic, environmental, and social progress despite the tensions across these realms.

HUMS 367 01 (13379)

**Urban Phantasmagoria: Berlin, Vienna, and Paris**

Staff

Areas Hu

Permission of instructor required

Walter Benjamin's Arcades Project, a print-medium display of the rise of modernity, malls, advertising, gambling, amusement parks, and urban cruising in nineteenth-century Paris, is used as a basis to examine two major German-speaking cities. Modern developments are pursued as they revolutionized urban environments and as they are documented in literary and cultural criticism.



EGYP 226 01 (12948) /NELC234

**Food and Drink in Ancient Egypt**

Salima Ikram

W 3.30-5.20

Permission of instructor required

Investigation of how food helped shape the culture, economy, and history of ancient Egypt and the role of different foods in various social and religious settings. Consideration of the types of food eaten by various levels of society; the raw materials that could have been used as food; the domestication of plants and animals, farming techniques, irrigation, land use, and tools; and methods of cooking and preserving foods.



WGSS 120 01 (12368)

**Women, Food, and Culture**

Maria Trumpler

MW 2.30-3.20

1 HTBA

Skills [WR]

Areas So

Interdisciplinary exploration of the gendering of food production, preparation, and consumption in cross-cultural perspective. Topics include agricultural practices, cooking, pasteurization, kitchen technology, food storage, home economics, hunger, anorexia, breast-feeding, meals, and ethnic identity.

ANTH 244 01 (10345)

**Modern Southeast Asia**

Erik Harms

TTh 1.00-2.15

Areas So

Introduction to the peoples and cultures of Southeast Asia, with special emphasis on the challenges of modernization, development, and globalization. Southeast Asian history, literature, arts, belief systems, agriculture, industrialization and urbanization, politics, ecological challenges, and economic change.

ANTH 391 01 (10362) /ARCG391/ANTH791/ARCG791

**Paleoclimate and Human Response**

Roderick McIntosh

M 9.25-11.15

Areas So

Permission of instructor required

YC Anthropology: Archaeology

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.

ANTH 409 01 (11093) /F&ES878/F&ES422/EVST422/ER&M394

**Climate and Society from Past to Present**

Michael Dove

Th 1.30-3.20

Areas So

Permission of instructor required

YC Anthropology: Sociocultural

Discussion of the major traditions of thought—both historic and contemporary—regarding climate, climate change, and society; focusing on the politics of knowledge and belief vs disbelief; and drawing on the social sciences and anthropology in particular.





ENGL 459 01 (11677) /MB&B459/EVST215

**Writing about Science, Medicine, and the Environment**

Carl Zimmer  
T 9.25-11.15

Skills WR

Permission of instructor required

YC English: Creative Writing

Meets during reading period

Advanced non-fiction workshop in which students write about science, medicine, and the environment for a broad public audience. Students read exemplary work, ranging from newspaper articles to book excerpts, to learn how to translate complex subjects into compelling prose.

Admission by permission of the instructor only. Applicants should email the instructor at [carl@carlzimmer.com](mailto:carl@carlzimmer.com) with the following information:

1. One or two samples of nonacademic, nonfiction writing. (No fiction or scientific papers, please.) Indicate the course or publication, if any, for which you wrote each sample.
2. A note in which you briefly describe your background (including writing experience and courses) and explain why you'd like to take the course.



ARCH 341 01 (10468) /ARCH4216/F&ES782/GLBL253/LAST318

**Globalization Space**

Keller Easterling  
MW 10.30-11.20

1 HTBA

Areas Hu

Permission of instructor required

Infrastructure space as a primary medium of change in global polity. Networks of trade, energy, communication, transportation, spatial products, finance, management, and labor, as well as new strains of political opportunity that reside within their spatial disposition. Case studies include free zones and automated ports around the world, satellite urbanism in South Asia, high-speed rail in Japan and the Middle East, agripoles in southern Spain, fiber optic submarine cable in East Africa, spatial products of tourism in North Korea, and management platforms of the International Organization for Standardization.

CSBR 370 01 (13632)

**Exiles and Migrants in Literature and Film**

Leah Mirakhor  
W 2.30-4.30

Permission of instructor required

Examination of transnational literary texts and films that illuminate how migrants, refugees, and exiles remake home away from their native countries following displacement from various causes including war, genocide, famine, racial and ethnic conflict, religious conflict, and climate change. Students explore the possibilities and limitation of creating, contesting, and imaging home in diaspora.

HIST 147 01 (11274) /HLTH170/HSBM202/AMST247/FILM244

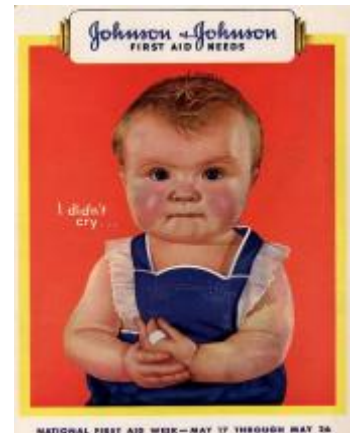
**Media and Medicine in Modern America**

John Warner  
Gretchen Berland  
MW 10.30-11.20

1 HTBA

Areas Hu

Relationships between medicine, health, and the media in the United States from 1870 to the present. The changing role of the media in shaping conceptions of the body, creating new diseases, influencing health and health policy, crafting the image of the medical profession, informing expectations of medicine and constructions of citizenship, and the medicalization of American life.



HIST 222J 01 (11325)

**Russia and the Eurasian Steppe**

Paul Bushkovitch

W 1.30-3.20

Skills WR

Areas Hu

Pre-Industrial Course

Permission of instructor required

A study of Russia's interaction with the nomads of the Eurasian steppe. Topics include the Mongol invasion, the Mongol Empire in Asia and the Golden Horde, Islam, nomadic society, and the Russian state. Focus on conquest and settlement. May count toward either European or Asian distributional credit within the History major, upon application to the director of undergraduate studies



HIST 267J 01 (11338)

**War at Sea in the Age of Sail**

Evan Wilson

T 9.25-11.15

Skills WR

Areas Hu

Permission of instructor required

A study of European warfare at sea from 1500 to 1815. Themes include: the relationship between navies and societies; the experience of life at sea; the role of navies in the development of science, industry, and the state; the nature and limitations of sea power; theories of sea power; the emergence of British naval supremacy. Examination of different approaches to naval and military history.

HIST 042 01 (11295) /MMES042

**Oil and Empire**

Rosie Bsheer

TTh 1.00-2.15

Skills WR

Areas Hu

Permission of instructor required

The political and social history of oil since the late nineteenth century, including global trends and processes. Oil's impact on the rise and fall of empires and the fates of nation-states; its role in war and its impact on social and cultural life. Focus on the Middle East, with some attention to Venezuela, Indonesia, and the Niger Delta.

Enrollment limited to freshmen. Preregistration required; see under Freshman Seminar Program.



HIST 412J 01 (13078) /HSHM401

**Critical Issues in the History of Technology**

Jose Ragas

Th 3.30-5.20

Permission of instructor required

A historical approach to current debates on the role of technology in society and the multiple ways people have imagined, designed, and resisted technological developments since the Industrial Revolution. Topics include how technology is transforming the world; reliance on technology to connect, to combat social inequality, and to promote democracy; whether technology has created a gap between rich and developing countries and isolated users; and how people in the past engaged with technology and what we learn from those experiences.

ANTH 414 01 (10370) /EAST575/ANTH575/EAST417

**Hubs, Mobilities, and World Cities**

Helen Siu

Sarah LeBaron von Baeyer

T 1.30-3.20

Areas So

Permission of instructor required

Meets during reading period

Analysis of urban life in historical and contemporary societies. Topics include capitalist and postmodern transformations; class, gender, ethnicity, and migration; and global landscapes of power and citizenship.

HIST 445J 01 (13546) /HSHM719/HSHM454/HIST917

**Natural History in History**

Paola Bertucci

T 1.30-3.20

Areas Hu

Permission of instructor required

The changing meaning and practice of natural history, from antiquity to the present. Topics include: technologies and epistemologies of representation, the commodification of natural specimens and bioprospecting, politics of collecting and display, colonial science and indigenous knowledge, and the emergence of ethnography and anthropology. Students work on primary sources in Yale collections.



EVST 020 01 (11123) /F&ES020

**Sustainable Development in Haiti**

Gordon Geballe

TTh 9.00-10.15

Skills WR

Permission of instructor required

The principles and practice of sustainable development explored in the context of Haiti's rich history and culture, as well as its current environmental and economic impoverishment.

Enrollment limited to freshmen. Preregistration required; see under Freshman Seminar Program

HIST 415J 01 (11371) /AMST318

**The Problem of Global Poverty**

Joanne Meyerowitz

T 1.30-3.20

Skills WR

Areas Hu

Permission of instructor required

Study of the programs and policies that aimed to end global poverty from 1960 to the present, from modernization to microcredit to universal basic income. Topics include the green revolution, population control, the "women in development" movement, and the New International Economic Order. Extensive work with primary sources.

May count toward geographical distributional credit within the History major for any region studied, upon application to the director of undergraduate studies.



AMST 348 01 (10311) /EVST304

**Space, Place, and Landscape**

Laura Barraclough

Th 1.30-3.20

Areas So

Permission of instructor required

Survey of core concepts in cultural geography and spatial theory. Ways in which the organization, use, and representation of physical spaces produce power dynamics related to colonialism, race, gender, class, and migrant status. Multiple meanings of home; the politics of place names; effects of tourism; the aesthetics and politics of map making; spatial strategies of conquest. Includes field projects in New Haven.

HIST 417J 01 (11281) /HSHM423

**Biomedical Futures Since 1945**

Joanna Radin

T 1.30-3.20

Skills WR

Areas Hu

Permission of instructor required

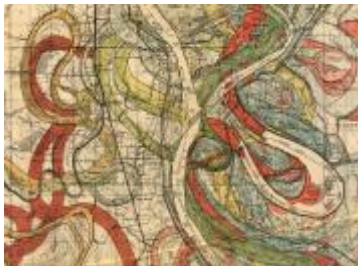
Ideas about biomedicine's promises and perils as they have been realized differently across place and time. Visions of the future of biomedicine that have shaped public policy, medical practice, and therapeutic innovation. Speculation about what medicine would come to look like in time. Ideas from literature, film, advertisements, policy documents, and medical texts around the world since World War II.

HSAR 297 01 (11406)

**Rembrandt's Amsterdam**

Marisa Bass  
MW 10.30-11.20  
1 HTBA  
Areas Hu

Survey of the history of Amsterdam and the Dutch Golden Age through the lens of Rembrandt's art. Topics include architecture and urban planning, landscape, history painting, portraiture, printmaking, and collecting culture. Included are visits to the Metropolitan Museum of Art in New York City, the Yale University Art Museum, and to other collections on Yale's campus.



ANTH 406 01 (12021) /EVST424/PLSC420

**Rivers: Nature and Politics**

James Scott  
Th 1.30-3.20  
Areas So

Permission of instructor required

YC Anthropology: Sociocultural

The natural history of rivers and river systems and the politics surrounding the efforts of states to manage and engineer them.

ANTH 209 01 (10342)

**Anthropology of the Former Soviet Union and Eurasia**

Douglas Rogers  
TTh 2.30-3.20  
1 HTBA  
Areas So

YC Anthropology: Sociocultural

Survey of transformations in Eurasia and the former Soviet Union from the 1970s to the present. Transformations in politics, culture, religion, gender, consumption patterns, national identity, natural resources, and territorial disputes; interconnections among these issues. Changes in Eurasia viewed as windows onto global transformations of knowledge, power, and culture in the early twenty-first century.

## Graduate Courses

ANTH 541 01 (13190) /F&ES836/HIST965/PLSC779

**Agrarian Societies: Culture, Society, History, and Development**

Peter Perdue  
James Scott  
Kalyanakrishnan Sivaramakrishnan  
W 1.30-5.20

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.



ARCG 399 01 (13246) /EVST399/NELC399/F&ES774/ANTH478/NELC606

**Agriculture: Origins, Evolution, Crises**

Harvey Weiss  
Th 3.30-5.20  
Areas So

Permission of instructor required

Analysis of the societal and environmental drivers and effects of plant and animal domestication, the intensification of agroproduction, and the crises of agroproduction: land degradation, societal collapses, sociopolitical transformation, sustainability, and biodiversity.

ANTH 407 01 (10366) /ARCG407/ARCG707/ANTH707

**Origins of Complex Societies in West Africa**

Roderick McIntosh

T 2.30-4.20

Areas So

Permission of instructor required

YC Anthropology: Archaeology

Meets during reading period

The great diversity of complex societies that emerged in prehistoric West Africa. Readings from site reports and primary source articles.



ARCG 226 01 (13240) /NELC268/EVST226/NELC605

**Global Environmental History**

Harvey Weiss

TTh 9.00-10.15

Areas So

The dynamic relationship between environmental and social forces from the Pleistocene glaciations to the Anthropocene present. Pleistocene extinctions; transition from hunting and gathering to agriculture; origins of cities, states, and civilization; adaptations and collapses of Old and New World civilizations in the face of climate disasters; the destruction and reconstruction of the New World by the Old. Focus on issues of adaptation, resilience, and sustainability, including forces that caused long-term societal change.

HSAR 749 01 (12541) /ANTH646

**Three Thousand Years of Mexican Feasting: 1500 B.C.E. to 1519 C.E.**

Mary Miller

Oswaldo Chinchilla Mazariegos

M 3.30-5.20

This course sits at the cusp of anthropology and art history, considered through the lens of the most central of human activities, the consumption of food. Feasting was integral to the prehispanic peoples of Mesoamerica, who domesticated and cultivated maize, beans, chocolate, vanilla, tomatoes, chilies, and squashes, and served dogs, ducks, and turkeys on the most festive of occasions. They developed special ceramics, from elaborate tamale plates to tall chocolate pots, for ritual service, some of which then became assemblages with which to honor the dead, and sometimes preserving a performance otherwise not visible in the present. In this course, the role of food both as object of ritual and performance and as subject is examined. Seasonal celebrations, as documented in the sixteenth-century Florentine Codex, are examined alongside painted and sculpted representations of food and its rituals. Cross-cultural consideration of the feast as a conceptual category that ranges from the potlatch of the Northwest Coast peoples to modern Day of the Dead practice helps shape class discussion of Mesoamerican feasting before European contact, as does study of gender and the spatial settings of consumption. The problem of sampling and identification is considered through scientific study and practice, and vessels in New Haven and New York are explored for potential residues.



CPLT 882 01 (12486) /RUSS882/ENGL709

**What Happened to Race, Class, and Gender? Keywords of Recent Critical Theory**

Ayesha Ramachandran

Marta Figlerowicz

M 1.30-3.20

What did happen to race, class, and gender? This course examines the persistence of older theoretical frameworks such as Marxism or feminism in current critical discourse. It also explores new critical keywords—biopolitics, affect, the Anthropocene, and others—that now help structure theoretical debates in the humanities. Intended as a fast-paced, reading-heavy introduction to recent critical theory, the course will help graduate students in literature acquire a better sense of their field of study and reflect upon the methodologies they will use in their dissertation projects. Readings include the work of older theorists such as Jacques Derrida, Theodor Adorno, Michel Foucault, Judith Butler, and Donna Haraway, as well as recent ones such as Jasbir Puar, Sianne Ngai, Tiqqun, Paolo Virno, and Dipesh Chakrabarty.



CPLT 907 01 (12527)

**Media Archaeologies: The Visual and the Environmental**

Francesco Casetti

Rüdiger Campe

M 3.30-5.20

The seminar aims at retracing two divergent cultural processes: how and why, starting from the discovery of artificial perspective, an increasing number of cultural practices were devoted to making the world visible; and correlatively how and why, starting from the first half of the nineteenth century, visibility increasingly met with the resistance of other modes of accessing the world through the human body and the role of the environment? These two trajectories are retraced through a special attention to the media that were on the forefront of these cultural processes: from Brunelleschi's mirror to Alberti's window and grid, from camera obscura to Galileo's telescope, from Panorama to Phantasmagoria, from the optical toys of the nineteenth century to the increasing implication of art into social and political questions. The seminar privileges the cultural practices that underpin both the trust in visibility and the discovery of environmentality, and it gives due attention to the political questions that the changing fortunes of the optical media imply. The seminar is the first part of a two-year project and will be followed next year by an analysis of the prevalence of the environmental dimension in contemporary media.

ANTH 636 01 (12461) /G&G636/ARCG636

**Geoarchaeology: Earth and Environmental Sciences in Archaeological Investigations**

Ellery Frahm

MW 2.30-3.4

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.

EMD 543 01 (13475) /CDE543

**Global Aspects of Food & Nutrition**

Debbie Humphries

MW 3.00-4.20 LEPH 101

The course presents a core topic in global health and development that is at the intersection of science, society, and policy. The course familiarizes students with leading approaches to analyzing the causes of malnutrition in countries around the world and to designing and evaluating nutrition interventions. It covers micronutrient and macronutrient deficiencies; approaches to reducing malnutrition; the cultural, economic, environmental, agricultural, and policy context within which malnutrition exists; and the relationships between common infections and nutritional status.

F&ES 772 01 (13557)

**Social Justice in Food System**

Kristin Reynolds

Th 1.00-3.50

This course explores social justice dimensions of today's globalized food system and considers sustainability in terms of social, in addition to environmental indicators. We develop an understanding of the food system that includes farmers and agroecological systems; farm and industry workers; business owners and policymakers, as well as all who consume food. Based on this understanding, we examine how phenomena such as racism, gender discrimination, and structural violence, and neoliberalization surface within the food system in United States and globally, drawing examples from such diverse sectors as agriculture, labor, public health, and international policy. We discuss conceptual frameworks—such as food justice and food sovereignty—that farmers, activists, critical food scholars, humanitarian agencies, and policy makers are using to create food systems that are both sustainable and just. We also investigate how current ideological debates about the intersections of food, agriculture, and social justice shape policy making and advocacy at multiple scales. Throughout the semester we explore our own position(s) as university-based stakeholders in the food system. The course includes guest speakers and students are encouraged to integrate aspects of their own scholarly and/or activist projects into one or more course assignments.



F&ES 764 01 (13556)

**American West: A Case Study in Social Structure**

Justin Farrell

Th 1.00-3.50

3 credits. The social and environmental context of the North American West provides fertile ground to examine important issues pertaining to culture, politics, environmental justice, social movements, and institutional structures. This course equips students to think critically and imaginatively about the social aspects of natural landscapes and the communities who inhabit them. This is not a history course, but it does examine stability and change across time. The course draws on empirical cases dealing with a range of interrelated issues, including economic change, environmental values, energy and water conflicts, native experiences, religion, American mythologies, gender, race, and the culture of individualism.

Engaging with important theories, debates, and scholarly work around these exciting cultural and political issues is the primary goal of this course. Because of the importance of engaging these issues on the ground in real-life situations, the course includes a short (and optional) field trip during the October break.

E&RS 511 01 (12498) /GLBL693

**United States and Russian Relations since the End of the Cold War**

Thomas Graham

M 1.30-3.20

This course examines the factors—political, socioeconomic, and ideological—that have shaped U.S.-Russian relations since the end of the Cold War, as well as specific issues in bilateral relations, including arms control, counterterrorism, energy, and regional affairs. The goal is to understand the way each country constructs relations with the other to advance its own national interests, and the implications of U.S.-Russian relations for global affairs.

F&ES 750 01 (13548)

**Writing the World**

Verlyn Klinkenborg

T 2.30-5.20

This is a practical writing course meant to develop your skills as a writer. But its real subject is perception and the writer's authority—the relationship between what you notice in the world around you and what, culturally speaking, you're allowed to notice. What you write during the semester is driven entirely by your own interest and attention. How you write is the question at hand. We'll be exploring the overlapping habitats of language—present and past—and the natural environment. And, to a lesser extent, we'll be exploring the character of persuasion in environmental themes. Every member of the class will write every week, and we will all read what everyone writes every week. It makes no difference whether you're a would-be journalist, scientist, environmental advocate or policy-maker. The goal is to rework your writing and sharpen your perceptions, both sensory and intellectual.

HSHM 701 01 (11390) /HIST930

**Problems in the History of Medicine and Public Health**

John Warner

W 1.30-3.20

An examination of the variety of approaches to the social and cultural history of medicine and public health. Readings are drawn from recent literature in the field, sampling writings on health care, illness experiences, and medical cultures in Europe, Asia, Latin America, and the United States from antiquity through the twentieth century. Topics include the role of gender, class, ethnicity, race, religion, and region in the experience of health care and sickness; the intersection of lay and professional understandings of the body; and the role of the marketplace in shaping professional identities and patient expectations.

HIST 927 01 (12547) /HSHM711

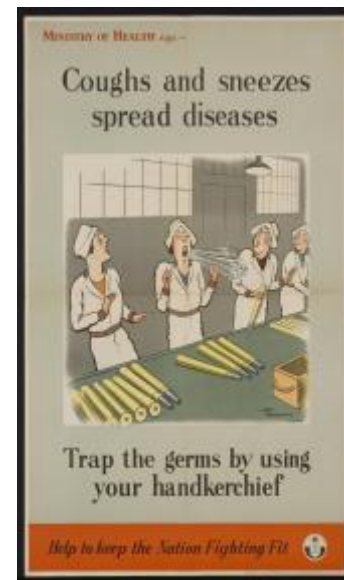
**Death, Degeneration, and Decay**

Joanna Radin

M 1.30-3.20

1 HTBA

This reading seminar addresses questions of finitude, breakdown, loss, and the limits of life as they have been articulated from the mid-twentieth century to the present. Specific topics encompass biomedical interest in cell death, ecological attention to ecosystem collapse, and racial theories of degeneration. Because theories of cybernetics and computing are a fundamental dimension of postwar life and biomedical science, we also consider how ideas about life and death have been addressed in the engineering and maintenance of digital infrastructures.



REL 918H 01 (10105)

**Native American Religions & Ecology**

John Grim

Mary Tucker

T 4.00-5.20

Areas DI (5), DI DIV, DI NXN

2 credits. This six-week hybrid course explores a diversity of Native American peoples and examines their ecological interactions with place, biodiversity, and celestial bodies as religious realities. The dynamic interactions of First Nations' cultures and bioregions provide a lens for understanding lifeways, namely, a weave of thought and practice in traditional Native American life. Through symbolic languages, subsistence practices, and traditional rituals, lifeways give expression to living cosmologies, namely, communal life lived in relation to a sacred universe. This is an online hybrid course; no shopping period.



F&ES 745 01 (13542)

**Environmental Writing**

Fred Strebeigh

T 6.30-9.30p

Students in this course should plan to produce one full-length article, 3,000 to 4,000 words, that could appear in a wide-circulation magazine such as Audubon, Orion, Sierra, or The New Yorker. One-credit students begin a potentially publishable article; three-credit students complete a publishable article. Admission is by application, which must include a proposed writing topic, at the beginning of the term. Three hours seminar and writing workshops.

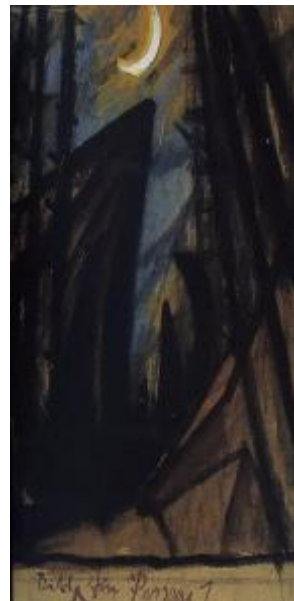
HSAR 747 01 (11423)

**Architecture and the Kinetic Image**

Craig Buckley

T 1.30-3.20

This seminar examines the relationship between concepts of architectural and cinematic space in the twentieth century. The aim is to provide an introduction to the literature on architecture and cinema and to examine a series of laboratories, buildings, sets, pavilions, and environments marked by the impact of moving images, encounters that have transformed concepts of space and expanded the media through which architects think and work. Examining the collaborations of architects, film directors, set designers, critics, and technicians, the course probes the evolving nature of technologies of the kinetic image, and its complement, the manner in which architects have increasingly sought to conceptualize space in terms of movements and flows, from that of the human body, to the automobile, to information. Topics may include Étienne-Jules Marey's experimental station; expressionist film sets; film experiments at the Bauhaus; cinema design in Weimar Berlin, Amsterdam, and Paris; the multiscreen films of Charles and Ray Eames; the Philips Pavilion; Intermedia environments of the 1960s; the use of film in urban analysis by Donald Appleyard, Denise Scott Brown, and Robert Venturi; the projection environments and multimedia pavilions of Expo '70; early video installations by Dan Graham and Dara Birnbaum; and the introduction of computer animation into architectural design.



HIST 916 01 (15751) /HSHM714

**Science, Environment, and Empire**

Deborah Coen

M 1.30-3.20

A reading seminar exploring recent historiographical trends at the intersection of the history of science, imperial history, and environmental history.

REL 502 01 (10201)

**Bounty and Duty: The Hebrew Bible and Creation**

Gregory Mobley

F 8.30-10.20

Areas DI (1)

The course explores ideas about creation and the interconnectedness among the created realms in the Hebrew Bible, then juxtaposes the ancient worldview with the science and ethics of contemporary ecological concerns. Area I.



REL 640 01 (13447)

**Body & Land**

Willie Jennings

W 1.30-3.20

Areas DI (2), DI DIV

This course considers the relationship between the body and land, between bodily awareness and awareness of place, space, race, geography, and animals. The questions this course seeks to answer are as follows: What is the status of the geographic in the Christian imaginary? How does land and animal figure into contours of consciousness, theological vision, and life? How do ideas of private property, land enclosure, and spatial and racial segregation inform theories and theologies of the build environment? Our goal in this course is to construct a cognitive map that integrates a theology of connectivity of body and land to a theology of relationality of peoples to each other, to the material world, and to God. Such a map might enable the formation of a moral geography that informs the creation of more just, inclusive, and nondestructive living spaces.



REL 809 01 (10208)

**Loving Creation: Spirituality, Nature, and Ecological Conversion**

Janet Ruffing

Th 3.30-5.20

This course focuses on the spiritual dimension of ecology. Spiritual thought and practice are enriched through being situated in the natural world, and scientifically based ecology is given added depth and meaning by extending the ecological field to include traditions of spiritual thought and practice. The spiritual tradition offers practices and a history of a quality of mind and heart that cultivates an awareness of the beauty and significance of the living world as well as its fragility and need for respectful care. In this course, we explore a contemplative ecology rooted in the ancient desert tradition primarily through the work of two thinkers: Douglas Burton-Christie's "Contemplative Ecology"; and Denis Edwards's Trinitarian theology, which expands our sense of the ongoing involvement of God in creation and requires ecological conversion of all us to repair the harm caused by the distorted utilitarian and individualistic ethic. Area IV.

REL 918H 01 (10105)

**Native American Religions & Ecology**

John Grim

Mary Tucker

T 4.00-5.20

Areas DI (5), DI DIV, DI NXN

2 credits. This six-week hybrid course explores a diversity of Native American peoples and examines their ecological interactions with place, biodiversity, and celestial bodies as religious realities. The dynamic interactions of First Nations' cultures and bioregions provide a lens for understanding lifeways, namely, a weave of thought and practice in traditional Native American life. Through symbolic languages, subsistence practices, and traditional rituals, lifeways give expression to living cosmologies, namely, communal life lived in relation to a sacred universe. This is an online hybrid course; no shopping period.

F&ES 736E 01 (13260)

**Environmental Ethics**

Michelle Bell

M 12.00-1.00 KRN 321

Environmental issues are closely tied to ethical considerations such as the impacts on public health, future generations, less industrialized nations, and nonhuman entities. This course is designed to provide a broad overview of topics related to ethics and the environment including perspectives of environmental ethics (e.g., anthropocentrism), environmental justice, environmental economics, and climate change. The intersection of ethics and the environment could be studied from multiple disciplines such as philosophy, history, anthropology, medicine, or environmental science. All perspectives and backgrounds are welcome in this course. The purpose of this class is not to distinguish "right" from "wrong" but to encourage critical thinking and discussion on the ethical consequences of environmental decisions and to provide a better understanding of key topics on ethics and the environment. This course is conducted as a combination in-person/online class over a six-week period. Graded credit/fail for graduate students.



ANTH 615 01 (13192)

**Anthropological Perspectives on Science and Technology**

Lisa Messeri  
W 9.25-11.15

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 409 01 (11093) /F&ES878/F&ES422/EVST422/ER&M394

**Climate and Society from Past to Present**

Michael Dove  
Th 1.30-3.20

Areas So

Permission of instructor required

YC Anthropology: Sociocultural

Discussion of the major traditions of thought—both historic and contemporary—regarding climate, climate change, and society; focusing on the politics of knowledge and belief vs disbelief; and drawing on the social sciences and anthropology in particular.



**Imaging Ancient Worlds**

Roderick McIntosh  
John Darnell  
W 9.25-11.15

The interpretation of epigraphic and archaeological material within the broader context of landscape, by means of creating a virtual model to reconstruct the sensory experiences of the ancient peoples who created the sites. Use of new technologies in computer graphics, including 3-D imaging, to support current research in archaeology and anthropology.

REL 903H 01 (10103) F&ES 783E 01 (13561)

**Introduction to Religions & Ecology**

John Grim  
Mary Tucker  
T 4.00-5.20  
Areas DI (5)

This hybrid online course introduces the newly emerging field of religion and ecology and traces its development over the past several decades. It explores human relations to the natural world as differentiated in religious and cultural traditions. In particular, it investigates the symbolic and lived expressions of these interconnections in diverse religious texts, ethics, and practices. In addition, the course draws on the scientific field of ecology for an understanding of the dynamic processes of Earth’s ecosystems. The course explores parallel developments in human-Earth relations defined as religious ecologies. Similarly, it identifies narratives that orient humans to the cosmos, namely, religious cosmologies. This is a six-week, two-credit course with a three-credit option. Area V.

## Other Relevant Methodological Courses

E&EB 115 01 (10843) /F&ES315

### **Conservation Biology**

Linda Puth  
MW 10.30-11.20  
Areas Sc

An introduction to ecological and evolutionary principles underpinning efforts to conserve Earth's biodiversity. Efforts to halt the rapid increase in disappearance of both plants and animals. Discussion of sociological and economic issues.

EVST 007 01 (13134)

### **The New England Forest**

Marlyse Duguid  
Th 1.00-5.00  
Permission of instructor required

Exploration of the natural history of southern New England, with specific focus on areas in and around New Haven. Pertinent environmental issues, such as climate change, endangered species, and the role of glacial and human history in shaping vegetative patterns and processes, are approached from a multi-disciplinary framework and within the context of the surrounding landscape.

Enrollment limited to freshmen. Preregistration required; see under Freshman Seminar Program.



F&ES 540 01 (13510)

### **Global Environmental Governance**

Detlef Sprinz  
W 9.00-11.50

The development of international environmental policy and the functioning of global environmental governance. Critical evaluation of theoretical claims in the literature and the reasoning of policy makers. Introduction of analytical and theoretical tools used to assess environmental problems. Case studies emphasize climate, forestry, and fisheries.



F&ES 505 01 (13506)

### **Economics of the Environment**

Robert Mendelsohn  
TTh 8.30-9.50

Microeconomic theory brought to bear on current issues in natural resource policy. Topics include regulation of pollution, hazardous waste management, depletion of the world's forests and fisheries, wilderness and wildlife preservation, and energy planning. After introductory microeconomics.

GLBL 203 01 (11967) /PLSC186

### **Introduction to International Political Economy**

Didac Queralt  
MW 2.30-3.45

Examination of the political and institutional conditions that explain why some politicians and interest groups (e.g. lobbies, unions, voters, NGOs) prevail over others in crafting foreign policy. Consideration of traditional global economic exchange (trade, monetary policy and finance) as well as new topics in the international political economy (IPE), such as migration and environmental policy.

PSYC 775 01 (12117)

### **Research Topics in Animal Cognition**

Laurie Santos  
1 HTBA

Investigation of various topics in animal cognition, including what nonhuman primates know about tools and foods; how nonhuman primates represent objects and number; whether nonhuman primates possess a theory of mind.

Prerequisite: permission of the instructor.

