



**Blue Bayou - Vicky Lilla (2015)**

# **Environmental Humanities Courses**

## **Fall 2021**

### **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 Program 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 2021 semester.

## [Undergraduate Courses](#)

## [Graduate Courses](#)

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# Undergraduate Courses

[AFAM](#) [AFST](#) [AMST](#) [ANTH](#) [ARCG](#) [ARCH](#) [CSYC](#) [ENGL](#) [EVST](#) [HIST](#) [HSAR](#) [HSHM](#) [SAST](#) [WGSS](#)

AFAM 017 (12156) /ENGL 006

## **Black Nature: African American Nature Writing**

Jonathan Howard

TTh 9am-10:15am

Areas HU

What stories do we tell about nature? How are the stories we are able to tell about nature informed by race? And how do these stories shape our understanding of what it means to be human? In contrast to a largely white tradition of nature writing that assumes a superior position outside of Nature, this course undertakes a broad survey of African American nature writing. Over the course of the semester, we read broadly across several genres of African American literature, including: slave narrative, fiction, poetry, drama and memoir. In this way, we center the unique environmental perspectives of those, who, once considered no more than livestock, were the nature over which their white masters ruled. Indeed, as those who were drowned in the ocean during the trans-Atlantic slave trade, forced to cultivate the soil on slave plantations, and hung from trees across the Jim Crow South, black Americans are bound up and entangled in nature in incredibly complex and precarious ways. Perhaps for this very reason, however, we may ultimately come to find in these black nature stories the resources for reclaiming a proper relationship to the Earth, and for imagining a sustainable human life in nature, rather than apart from it.

AFAM 148 (14868) / HSAR 260

## **A Sense of Place: Sculpture, Public Art, Monuments in throughout Connecticut**

Andrianna Campbell

MW 9:25am-10:15am

Areas HU

This course is an introduction to an exploration of localities. There will be a particular focus on Connecticut's regional art projects, public sculpture commissions, and installations. Classes are thematically clustered and temporally range from post-1969 period until the present. In conjunction with traditional sculpture, the course examines recent art installations such as those by contemporary artist Tom Burr, whose work addresses the intersection of Black Power, queer aesthetics, and the post-2000s mercantile economization of space. The aim is for students to develop a sense of the variegated and sometimes forgotten richness of the Connecticut art landscape. The end results in an essay, which allows students to consider their residence and interaction with local art as foundational rather than separate from the canon of art history. Nevertheless, course readings consider global themes of race, culture, gender, sculpture, public art, and monuments as foundationally networked to those sited in Connecticut's regional examples.



community wellbeing. Includes field projects in New Haven.

AFAM 196 (10039) /AMST 196/SOCY 190/EVST 196/ER&M 226

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

Laura Barraclough

MW 10:30am-11:20am

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

AFAM 213 (10467) /HSHM 481/HIST 383J/AFST 481

## **Medicine and Race in the Slave Trade**

Carolyn Roberts

T 9:25am-11:15am

Areas HU, WR

Examination of the interconnected histories of medicine and race in the slave trade. Topics include the medical geography of the slave trade from slave prisons in West Africa to slave ships; slave trade drugs and forced drug consumption; mental and physical illnesses and their treatments; gender and the body; British and West African medicine and medical knowledge in the slave trade; eighteenth-century theories of racial difference and disease; medical violence and medical ethics.

AFAM 326 (12639)

**Postcolonial Cities of the West**

Fadila Habchi

Th 1:30pm-3:20pm

Areas HU

Examination of various texts and films pertaining to the representation of postcolonial cities in the global north and a range of social, political, and cultural issues that concern those who inhabit these spaces.

AFST 295 (11801) /ENGL 295/LITR 461

**Postcolonial Ecologies**

Cajetan Iheka

MW 11:35am – 12:50pm

Areas HU, WR

This seminar examines the intersections of postcolonialism and ecocriticism as well as the tensions between these conceptual nodes, with readings drawn from across the global South. Topics of discussion include colonialism, development, resource extraction, globalization, ecological degradation, nonhuman agency, and indigenous cosmologies. The course is concerned with the narrative strategies affording the illumination of environmental ideas. We begin by engaging with the questions of postcolonial and world literature and return to these throughout the semester as we read the primary texts, drawn from Africa, the Caribbean, and Asia. We consider African ecologies in their complexity from colonial through post-colonial times. In the unit on the Caribbean, we take up the transformations of the landscape from slavery, through colonialism, and the contemporary era. Turning to Asian spaces, the seminar explores changes brought about by modernity and globalization as well as the effects on both humans and nonhumans. Readings include the writings of Zakes Mda, Aminatta Forna, Helon Habila, Derek Walcott, Jamaica Kincaid, Ishimure Michiko, and Amitav Ghosh.



AFST 385 (10057) /HIST 391J/EP&E 350

**Pandemics in Africa: From the Spanish Influenza to Covid-19**

Jonny Steinberg

W 1:30pm-3:20pm

Areas SO

The overarching aim of the course is to understand the unfolding Covid-19 pandemic in Africa in the context of a century of pandemics, their political and administrative management, the responses of ordinary people, and the lasting changes they wrought. The first eight meetings examine some of the best social science-literature on 20th-century African pandemics before Covid-19. From the

Spanish Influenza to cholera to AIDS, to the misdiagnosis of yaws as syphilis, and tuberculosis as hereditary, the social-science literature can be assembled to ask a host of vital questions in political theory: on the limits of coercion, on the connection between political power and scientific expertise, between pandemic disease and political legitimacy, and pervasively, across all modern African epidemics, between infection and the politics of race. The remaining four meetings look at Covid-19. We chronicle the evolving responses of policymakers, scholars, religious leaders, opposition figures, and, to the extent that we can, ordinary people. The idea is to assemble sufficient information to facilitate a real-time study of thinking and deciding in times of radical uncertainty and to examine, too, the consequences of decisions on the course of events. There are of course so many moving parts: health systems, international political economy, finance, policing, and more. We also bring guests into the classroom, among them frontline actors in the current pandemic as well as veterans of previous pandemics well placed to share provisional comparative thinking. This last dimension is especially emphasized: the current period, studied in the light of a century of epidemic disease, affording us the opportunity to see path dependencies and novelties, the old and the new.

AMST 439 (10021) /ER&M 439

**Fruits of Empire**

Gary Okihiro

W 1:30pm-3:20pm

Areas HU, SO

Readings, discussions, and research on imperialism and "green gold" and their consequences for the imperial powers and their colonies and neo-colonies. Spatially conceived as a world-system that enmeshes the planet and as earth's latitudes that divide the temperate from the tropical zones, imperialism as discourse and material relations is this seminar's focus together with its implantations—an empire of plants. Vast plantations of sugar, cotton, tea, coffee, bananas, and pineapples occupy land cultivated by native and migrant workers, and their fruits move from the tropical to the temperate zones, impoverishing the periphery while profiting the core. Fruits of Empire, thus, implicates power and the social formation of race, gender, sexuality, class, and nation.



AMST 031 (12933) / WGSS 031

**LGBTQ Spaces and Places**

Terrell Herring

TTh 11:35am-12:50pm

Areas HU

Overview of LGBTQ cultures and their relation to geography in literature, history, film, visual culture, and ethnography. Discussion topics include the historical emergence of urban communities; their tensions and intersections with rural locales; race, sexuality, gender, and suburbanization; and artistic visions of queer and trans places within the city and without. Emphasis is on the wide variety of U.S. metropolitan environments and regions, including New York City, Los Angeles, Miami, the Deep South, Appalachia, New England, and the Pacific Northwest.

ANTH 230 (11354) /WGSS 230

**Evolutionary Biology of Women's Reproductive Lives**

Claudia Vallengia

MW 2:30pm-3:45pm

Areas SC

Evolutionary and biosocial perspectives on female reproductive lives. Physiological, ecological, and social aspects of women's development from puberty through menopause and aging, with special attention to reproductive processes such as pregnancy, birth, and lactation. Variation in female life histories in a variety of cultural and ecological settings. Examples from both traditional and modern societies.

ANTH 322 (11356) /SAST 306/EVST 324

**Environmental Justice in South Asia**

Kalyanakrishnan Sivaramakrishnan

M 3:30pm-5:20pm

Areas SO

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.



ANTH 367 (11358)

**Technology and Culture**

Lisa Messeri

W 1:30pm-3:20pm

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.

ANTH 409 (11721) /EVST 422/ER&M 394/FE&S 422/GLBL 394

**Climate and Society from Past to Present**

Michael Dove

Th 1:30pm-3:20pm

Areas SO, WR

Discussion of the major currents 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.

ANTH 414 (11360) /EAST 417

**Hubs, Mobilities, and World Cities**

Helen Sio

T 1:30pm-3:20pm

Areas SO

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.



ANTH 438 (11361)

**Culture, Power, Oil**

Douglas Rogers

Th 9:25am-11:15am

Areas SO

The production, circulation, and consumption of petroleum as they relate to globalization, empire, cultural performance, natural resource extraction, and the nature of the state. Case studies include the United States, Saudi Arabia, Nigeria, Venezuela, and the former Soviet Union.

ANTH 473 (11726) /EVST 473/ARCG 473/NELC 473

**Climate Change, Societal Collapse, and Resilience**

Harvey Weiss

Th 3:30pm-5:20pm

Areas SO

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.

ARCG 110 (10524) /HSAR 110

**Introduction to the History of Art: Global Decorative Arts**

Edward Cooke

TTh 10:30am-11:20am

Areas HU

Global history of the decorative arts from antiquity to the present. The materials and techniques of ceramics, textiles, metals, furniture, and glass. Consideration of forms, imagery, decoration, and workmanship. Themes linking geography and time, such as trade and exchange, simulation, identity, and symbolic value.

ARCH 006 (10112)

**Architectures of Urbanism: Thinking, Seeing, Writing the Just City**

Michael Schlabs

T 1:30-4:30pm

Areas HU

What is architecture, and how is it conceived, relative to notions of the urban – to the broader, deeper, messier web of ideas, forms, and fantasies constituting “the city?” Can architecture play a role in defining the city, as such, or does the city’s political and social construction place it outside the scope of specifically architectural concerns? Likewise, what role can the city play in establishing,



interrogating, and extrapolating the limits of architecture, whether as a practice, a discourse, or a physical manifestation of human endeavor in the material environment? This course addresses these and other, related questions, seeking to position art and architecture in their broader urban, social, cultural, political, intellectual, and aesthetic contexts. It explores issues of social justice as they relate to the material spaces of the modern city, and the manner in which those spaces are identified, codified, and made operative in service of aesthetic, social, and political experience.

ARCH 160 (10130) /URBN 160

**Introduction to Urban Studies**

Elihu Rubin

TTh 11:35am-12:50pm

Areas SO, HU

An introduction to key topics, research methods, and practices in urban studies, an interdisciplinary field of inquiry and action rooted in the experience of cities. As physical artifacts, the advent of large cities have reflected rapid industrialization and advanced capitalism. They are inseparable from the organization of economic life; the flourishing of cultures; and the formation of identities. They are also places where power is concentrated and inequalities are (re)produced. Debates around equity are filtered through urban environments, where struggles over jobs, housing, education, mobility, public health, and public safety are front and center.

ARCH 272 (10523) /HSAR 150/RLST 262

**Introduction to the History of Art: Art and Architecture of the Sacred**

Jacqueline Jung

MW 11:35am-12:25pm

Areas HU

A wide-ranging, cross-temporal exploration of religious images, objects, and architecture in diverse cultures, from ancient Mesopotamia to modern Manhattan. Buddhist, Christian, Hindu, Jewish, Muslim, and various polytheistic traditions are represented. Thematic threads include the human body; transformations of nature; death, memory, and afterlife; sacred kingship and other forms of political engagement; practices of concealment and revelation; images as embodiments of the divine; the framing and staging of ritual through architecture.

ARCH 316 (10129) /URBN 416

**Revolutionary Cities: Protest, Rebellion and Representation in Modern Urban Space**

Alan Plattus

T 1:30pm-3:20pm

Areas HU

Cities have always been hotbeds of radical ideas and actions. Their cafes and taverns, drawing rooms and universities have been incubators of new ideas, revolutionary ideologies and debate, while their streets and public spaces have been the sites of demonstrations, protests, and uprisings. Since cities are key nodes in larger networks trade and cultural exchange, these local events have often had a global audience and impact. This seminar explores the interaction of urban space and event, and the media and technologies of revolutionary representation, through case studies of particular cities at transformational moments in their development. These begin with Boston in the 1760s and 1770s, and may include Paris in 1789, 1830, 1848, 1871 and again in 1968, St. Petersburg in 1917, Beijing in 1949 and again in 1989, Havana in 1959, Prague, Berlin and Johannesburg and other cities in 1989, Cairo in 2011, Hong Kong in 2011-12, 2014 and 2019, and other urban sites of the Occupy and Black Lives Matter movements. Course work in modern history is recommended.



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ARCH 327 (10117) /URBN 327

**Difference and the City**

Justin Moore

M 9am-10:50

Four hundred and odd years after colonialism and racial capitalism brought twenty and odd people from Africa to the dispossessed indigenous land that would become the United States, the structures and systems that generate inequality and white supremacy persist. Our cities and their socioeconomic and built environments continue to exemplify difference. From housing and health to mobility and monuments, cities small and large, north and south, continue to demonstrate intractable disparities. The disparate impacts made apparent by the COVID-19 pandemic and the reinvigorated and global

Black Lives Matter movement demanding change are remarkable. Change, of course, is another essential indicator of difference in urban environments, exemplified by the phenomena of disinvestment or gentrification. This course explores how issues like climate change and growing income inequality intersect with politics, culture, gender equality, immigration and migration, technology, and other considerations and forms of disruption.

ARCH 353 (10121) /URBN 353

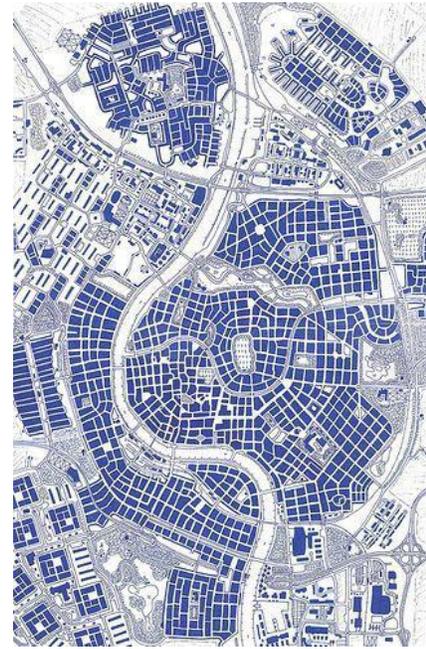
**Urban Lab: Urban Field Geography**

Elihu Rubin

W 1:30pm-4:40pm

Areas HU

A methods seminar in urban field geography. Traveling on foot, students engage in on-site study of architecture, urban planning and design, cultural landscapes, and spatial patterns in the city. Learn how to "read" the urban landscape, the intersection of forces that have produced the built environment over time.



CSBF 350 (11513)

**Technological Innovation and the Future of the American City**

Jonathan Dach, Nathaniel Loewentheil

Th 3:30pm-5:20pm

Technological innovation shapes the growth of cities and the lives of their inhabitants. This course examines historical technologies that were profoundly revolutionary at their time, such as the electric light and the automobile; the demands those technologies created for new kinds of infrastructure, like our electric grid and national highway system; and how that infrastructure in turn created new forms of urban development. We focus on archetypal U.S. cities whose most significant periods of growth corresponded to different technological innovations: New York City, Chicago, Boston, Los Angeles, and Phoenix. With that history in mind, the second part of the course explores how emerging technologies like ride hailing, electric scooters, drones, autonomous vehicles, flying cars, and smart infrastructure will impact our urban future.



CSSY 350 (11518)

**Medicine and the Humanities: Certainty and Unknowing**

Matthew Morrison

T 3:30pm-5:20pm

Sherwin Nuland often referred to medicine as "the Uncertain Art." In this course, we address the role of uncertainty in medicine, and the role that narrative plays in capturing that uncertainty. We focus our efforts on major authors and texts that define the modern medical humanities, with primary readings by Mikhail Bulgakov, Henry Marsh, Atul Gawande, and Lisa Sanders. Other topics include the philosophy of science (with a focus on Karl Popper), rationalism and romanticism (William James), and epistemology and scientism (Wittgenstein). Events permitting, field trips take us to the Yale Medical Historical Library and the Yale Center for British Art.

EDST 263 (10808)

**Place, Race, and Memory in Schools**

Errol Saunders

W 3:30pm-5:20pm

Areas SO

In the wake of the Black Lives Matter movement and widespread, multiracial protests calling for racial justice across the United States, there is a renewed interest in the roles that schools play in perpetuating racial disparities in American society and the opportunities that education writ large might provide for remedying them. As *places*, schools both shape and are profoundly shaped by the built environment and the everyday experiences of the people that interact with them. Teachers, administrators, students, and parents are impacted by the racialized memories to explain the past, justify the present, and to move them to action for the future. These individual and collective memories of who and where they are, and the traumas, successes, failures, and accomplishments that they have with regard to school and education are essential to understanding how schools and school reforms work. Grounded in four different geographies, this course examines how the interrelationships of place, race, and memory are implicated in reforms of preK-12 schools in the United

States. The course uses an interdisciplinary approach to study these phenomena, borrowing from commensurate frameworks in sociology, anthropology, political science, and memory studies with the goal of examining multiple angles and perspectives on a given issue.

ENGL 114 – Section 03 (10314)

**Home**

Felisa Baynes-Ross  
MW 2:30pm-3:45pm  
Areas WR

Where do you call home? Is your sense of home fixed to specific places, persons, languages, or memories? Must the idea of home always suggest rootedness? What does it mean to feel at home? In this course, we examine the affective responses elicited by various notions of home, from feelings of nostalgia and familiarity to estrangement, and we consider the ways in which generic and particular spaces enable or constrain individual agency and constitute our positioning and relation to others. Unsettling the easy boundary between the private and the public, we will seek to understand what various imaginings of home reveal about our collective and individual desires and anxieties, and we will examine the social and political forces at play in the making of home. Drawing from multiple disciplines and different modes of argument including essays, poetry, song, and film, we will study how home overlaps with spirituality, language politics, hierarchies of gender and labor, and educational opportunities, and how climate crises, pandemics, global economies, and immigration policies impact home. As we examine the debates and contests over space, we will think about who has the right to belong where and what it means—for instance—to belong at Yale. Informed by various theories and poetics of home, at the end of the course, we will revisit the places that make us.



ENGL 114 - Section 05 (10316)

**Black and Indigenous Ecologies**

Rasheed Tazudeen  
MW 2:30pm-3:45pm  
Areas WR

Who gets to define the meaning of ecology, along with the earth we stand on, and how is this definition bound up with the legacies of colonial power, empire, slavery, and other forms of racialized oppression? And what new modes of ecological thought might emerge once we engage with the perspectives of indigenous peoples and communities of color—traditionally excluded from dominant environmentalist discourses—and their alternative ways of thinking and imagining a relation to the earth? Through readings in anthropology, geology, critical race studies, philosophy, literature, and poetry, this course explores the ecologies and counter-ecologies born of anti-imperial opposition, from 1492 to the present. Struggles for liberation, as we will examine, are never separable from struggles for land, food, water, air, and an earth in common. From Standing Rock to Sao Paulo, the Antilles to New Zealand, and Mauna Kea to Lagos, we will engage with anti-colonial and anti-racist attempts to craft an image of the earth no longer made in the ecocidal image of imperialist Western Man (or the anthropos of “Anthropocene”), and to imagine a future to be held and composed in common by all.



ENGL 114 – Section 16 (10327)

**Environmental Memory**

Anna Hill  
TTh 1:00pm-2:15pm  
Areas WR

How does the environment remember? How does the natural world shape our memories as individuals and as participants in collective histories? In this course, we will think critically about environments — both natural and built — as dynamic sites of memory, where discourses about history, home, and belonging are continually made and remade. Reading work from cultural theorists, critical geographers, environmental historians, activists, and artists, we will consider what it means to remember through and with the multispecies ecologies in which we are embedded. We will examine how place-based memories can productively complicate dominant

historical narratives that valorize some memories while erasing or forgetting others. At the same time, we will also consider how such memories can illuminate ways in which ongoing legacies of empire, settler colonialism, and extractive capitalism continue to shape ecologies today. We will examine how patterns of displacement and dispossession can threaten environmental memory, and how, in some cases, it can lapse into dangerous nostalgia. Engaging with a range of cultural objects – critical essays, memoir, film, visual art, and creative mapping projects – we will investigate how writers and artists approach memory as a generative tool with which to imagine decolonial, sustainable paths forward.



ENGL 114 – Section 20 (10331)

**Decay**

Margaret Jones

MW 2:30pm-3:45pm

Areas WR

What does breakdown make possible? Together we'll think about decay as a kind of relationship that troubles distinctions between death and life, between destruction and creation, and between the material and the spiritual. Decay appears in many forms: disease, slime mold, zombies, corpses, mushrooms (just to name a few). We'll pay careful attention to what's at stake in these examples of collapse—what does it mean to think about the relationship between subject and society in terms of decay? Is rot always a bad thing? How does decay shape the ways we

think about life? Our project will be carried out across science studies, poetry, philosophy, religion, fiction, and film. Authors may include Vanessa Agard-Jones, Ling Ma, Thomas Mann, Susan Sontag, and Anna Tsing.

ENGL 114 – Section 29 (10340)

**Travelers and Tourists**

Pamela Newton

TTh 2:30pm-3:45pm

Areas WR

What lies behind our desire to travel? Do we leave home in search of the foreign and exotic, a glimpse of beauty, a broader knowledge of others, or a deeper knowledge of ourselves? Is a tourist a type of person, a person in a certain set of circumstances, or a person with a certain state of mind? Is there a difference between a traveler and a tourist? What do we gain from becoming travelers and/or tourists? What do we lose? In this course, we will investigate these and other questions through our study of texts about travel and tourism in a variety of disciplines, including sociology, philosophy, history, and literary theory, as well as through cultural artifacts, such as newspaper articles, photographs, and film and television clips. Keeping our own travel and tourism experiences in mind throughout, we will engage with these materials in order to explore the effects of tourism (on both the visitor and the visited), the problems with tourism, and the changing nature of the tourist, including the way current technologies are shaping our travel experiences. We will also investigate a number of constructs within tourism studies, such as exoticism, colonialism, consumerism, and the quests for the authentic and the sublime.



ENGL 248 (12519) / HUMS 430 / PHIL 361 / LITR 483

**Thought Experiments: Connecting Literature, Philosophy, and the Natural Sciences**

Paul Grimstad

TTh 2:30pm-3:45pm

Areas HU, WR

The course looks closely at the intersection of literature, philosophy and natural science through the lens of the thought experiment. Do thought experiments yield new knowledge about the world? What role does narrative or scene setting play in thought experiments? Can works of literary fiction or films function as thought experiments? Readings take up topics such as personal identity, artificial intelligence, meaning and intentionality, free will, time travel, the riddle of induction, "trolley problems" in ethics and the hard problem of consciousness. Authors may include Mary Shelley, Plato, Albert Einstein, Franz Kafka, H.G. Wells, Rene Descartes, Kazuo Ishiguro, Rivka Galchen, Alan Turing, Hilary Putnam, as well as films (*The Imitation Game*) and television shows (*Black Mirror*).

ENGL 418 11709) /EVST 224

**Writing About the Environment**

Alan Burdick

T 9:25am-11:15am

Areas WR

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



EVST 020 (11706)

**Sustainable Development in Haiti**

Gordon Geballe

TTh 9:00am-10:15am

Areas WR

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.

EVST 030 (12321) /NELC 026/ARCG 031

**Origins of Civilization: Egypt and Mesopotamia**

Harvey Weiss

TTh 9am-10:15am

Areas HU, SO

The origins of the earliest civilizations in Mesopotamia and Egypt along the Nile and Tigris-Euphrates Rivers explored with archaeological, historical and environmental data for the origins of agriculture, the classes and hierarchies that marked earliest cities, states and empires, the innovative monumental architecture, writing, imperial expansion, and new national ideologies. How and why these civilizational processes occurred with the momentous societal collapses at periods of abrupt climate change.



EVST 040 (11707)

**Collections of the Peabody**

David Skelly

TTh 11:35am-12:50pm

Areas SC

Exploration of scientific questions through the study and analysis of objects within the Peabody Museum's collections. Formulating a research question and carrying out a project that addresses it are the core activities of the course.

EVST 127 (10811) /SOCY 127/ER&M 127/WGSS 127

**Health and Illness in Social Context**

Alka Menon

MW 2:30pm-3:20pm

Areas SO

Present-day medicine and health care provide solutions to an ever-increasing array of human problems. Yet the achievement of health can be elusive. This course provides a broad introduction to the domains of health and illness in the U.S., with some coverage of international trends and topics. Students analyze how our personal health and public health are shaped by social structures, political struggles, expert knowledge, and medical markets. Topics include the cultural and social meanings associated with health and illness; inequalities in health and health care access and provision; controversies surrounding healthcare, medical knowledge production, and medical decision-making; and the social institutions of the health care industry.

EVST 212 (10722) / PLSC212 / EP&E 390

**Democracy and Sustainability**

Michael Fotos

Th 9:25am-11:15am

Areas SO, WR

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 224 (11709) / ENGL 418

**Writing About the Environment**

Alan Burdick

T 9:25-11:15am

Areas WR

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.



EVST 228 (12527) /HUMS 228/HIST 459J/LITR 345

**Climate Change and the Humanities**

Katja Lindskog

MW 11:35am-12:50pm

Areas HU

What can the Humanities tell us about climate change? The Humanities help us to better understand the relationship between everyday individual experience, and our rapidly changing natural world. To that end, students read literary, political, historical, and religious texts to better understand how individuals both depend on, and struggle against, the natural environment in order to survive.

EVST 292 (11713) / GLBL 217 / PLSC 149

**Sustainability: Environment, Energy, and the Economy in the 21st Century**

Daniel Esty

MW 1pm-2:15pm

Areas SO

Sustainability as a guiding concept for addressing twenty-first century tensions between economic, environmental, and social progress. Using a cross-disciplinary set of materials from the "sustainability canon," students explore the interlocking challenges of providing abundant energy, reducing pollution, addressing climate change, conserving natural resources, and mitigating the other impacts of economic development.

EVST 350 (12027)

**Writing the World**

Verlyn Klinkenborg

T 2:30-5:20pm

Areas WR

This is a practical writing course meant to develop the student's 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 are allowed to notice. What you write during the term is driven entirely by your own interest and attention. How you write is the question at hand. We explore the overlapping habitats of language—present and past—and the natural environment. And, to a lesser extent, we explore the character of persuasion in environmental themes. Every member of the class writes every week, and we all read what everyone writes every week. It makes no difference whether you are 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.

HIST 006 (11266) / HSHM 005

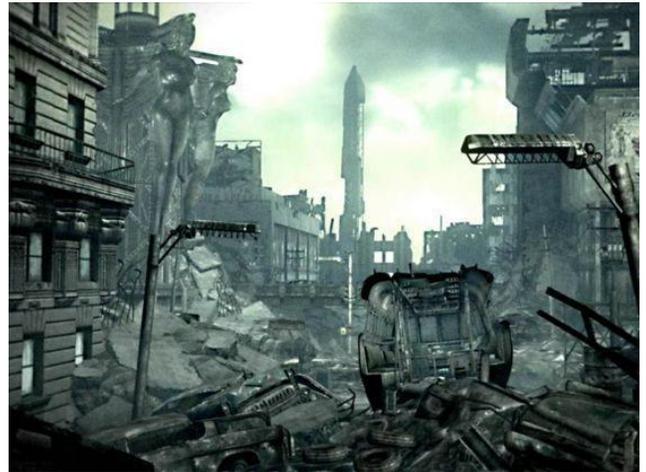
**Medicine and Society in American History**

Rebecca Tannenbaum

TTh 1pm-2:15pm

Areas HU, WR

Disease and healing in American history from colonial times to the present. The changing role of the physician, alternative healers and therapies, and the social impact of epidemics from smallpox to AIDS.



HIST 225J (11290)

**Perfect Worlds? Utopia and Dystopia in Western Cultures**

Maria Jordan

T 9:25am-11:15am

Areas HU, WR

This course explores the history of utopia and the ways in which societies at different times defined and conceived alternative or ideal worlds. It explores the relationship between real historical conditions and the models of utopia that were elaborated. By examining classic texts like Plato and Thomas More, as well as fictional accounts, students discuss the relationship between utopias and dystopias. The course also discusses how the crises of the last century, with WWII, the fall of the Soviet Union, and the difficulties of global capitalism provoked what some people now consider to be a crisis of utopian thought or, a moment of a redefinition of utopias as more pragmatic, inclusive, and egalitarian of societies.

HIST 236 (10475) / HSHM 226

**The Scientific Revolution**

Ivano Dal Prete

MW 11:35am-12:25pm

Areas HU

The changing relationship between the natural world and the arts from Leonardo to Newton. Topics include Renaissance anatomy and astronomy, alchemy, natural and geo history.



HIST 289J (10473) / HSHM 407/HUMS 220/HSAR 399

**Collecting Nature**

Paola Bertucci

W 1:30pm-3:20pm

Areas HU, WR

A history of museums before the emergence of the modern museum. Focus on: cabinets of curiosities and Wunderkammern, anatomical theaters and apothecaries' shops, alchemical workshops and theaters of machines, collections of monsters, rarities, and exotic specimens.

HIST 435J (11314)

**Colonial Cities: A Global Seminar**

Hannah Shepherd

T 1:30pm-3:20pm

Areas HU, WR

Cities of empire, both imperial capitals and colonial outposts, played crucial roles in the reinforcement of racial hierarchies, the flow of goods, people, and capital, and the representation of imperial power. This course looks at histories of cities around the world in the age of empire, and how they were shaped by these forces. Students gain visual analysis and mapping skills, and learn about the history and theory of imperial, colonial and postcolonial cities, and how they still inform debates over the urban environment today.

HIST 467J (10469) /HSHM 422

**Cartography, Territory, and Identity**

Bill Rankin

M 1:30pm-3:20pm

Areas HU, WR

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.



HSAR 326 (10135) /ARCH 260

**History of Architecture to 1750**

Kyle Dugdale

TTh 10:30am-11:20am

Areas HU

Introduction to the history of architecture from antiquity to the dawn of the Enlightenment, focusing on narratives that continue to inform the present. The course begins in Africa and Mesopotamia, follows routes from the Mediterranean into Asia and back to Rome, Byzantium, and the Middle East, and then circulates back to mediaeval Europe, before juxtaposing the indigenous structures of Africa and America with the increasingly global fabrications of the Renaissance and Baroque. Emphasis on challenging preconceptions, developing visual intelligence, and learning to read architecture as a story that can both register and transcend place and time, embodying ideas within material structures that survive across the centuries in often unexpected ways.

HSAR 457 (12130)

**Japanese Gardens**

Mimi Yiengpruksawan

W 1:30pm-3:20pm

Areas HU

Arts and theory of the Japanese garden with emphasis on the role of the anthropogenic landscape from aesthetics to environmental precarity, including the concept of refugium. Case studies of influential Kyoto gardens from the 11th through 15th centuries, and their significance as cultural productions with ecological implications.



HSAR 487 (12651) /ER&M 384

**Art in the Anthropocene**

Siobhan Angus

F 1:30pm-3:20pm

Areas HU

There is widespread consensus that we are living in a state of emergency and ecological collapse. This seminar explores how contemporary artists are responding to the Anthropocene, a geological epoch defined by the impacts of human activity on the natural world. The converging crises of our present have revealed how structural inequality has created an uneven distribution of environmental risk along the lines of class, ethnicity, gender, and race. Engaging critical issues in the environmental humanities and focusing on the intersections of environmental and social justice, the course focuses on contemporary art from the 1970s to the present, with attention to how the legacies of colonization, empire, and the transatlantic slave trade shape the present. We consider how art bears witness to ecological crisis while exploring how arts worldmaking potential might help us imagine more just futures. Through a survey of contemporary art in the Anthropocene, we critically examine the interface between art, activism, and knowledge production.

HSHM 217 (10453) /HIST 485/AMST 215/HUMS 219

**Biomedical Futures and Michael Crichton's Monsters**

Joanna Radin

TTh 11:35am-12:50pm

Areas HU, SO

What forms of life have been produced by modern science? The literal life-changing technologies that began to emerge

after the Second World War also provoked new anxieties. They expressed themselves in the speculative fiction of Michael Crichton in terms of monsters: the virus in *The Andromeda Strain*, the androids in *Westworld*, the velociraptors of *Jurassic Park*, and even the patients maimed by gunshot wounds in *ER*. Crichton wrote thrilling stories that also asked his readers to consider what monsters humans could make if they didn't stop to consider whether or not they should. This course examines the emergence of modern life science to consider what it would take to produce more life-sustaining futures.



HSHM 476 (12519) /HUMS 430/ENGL  
248/PHIL 361/LITR 483

**Thought Experiments: Connecting Literature, Philosophy and the Natural Sciences**

Paul Grimstad

TTh 2:30pm-3:45pm

Areas HU, WR

The course looks closely at the intersection of literature, philosophy and natural science through the lens of the thought experiment. Do thought experiments yield new knowledge about the world? What role does narrative or scene setting play in thought experiments? Can works of literary fiction or films function as thought experiments? Readings take up

topics such as personal identity, artificial intelligence, meaning and intentionality, free will, time travel, the riddle of induction, "trolley problems" in ethics and the hard problem of consciousness. Authors may include Mary Shelley, Plato, Albert Einstein, Franz Kafka, H.G. Wells, Rene Descartes, Kazuo Ishiguro, Rivka Galchen, Alan Turing, Hilary Putnam, as well as films (*The Imitation Game*) and television shows (*Black Mirror*).

SAST 361 (12364)

**The Material and Visual Cultures of Religion in South Asia**

Akshaya Tankha

Th 9:25am-11:15am

Areas HU, SO

What do disparate events such as the destruction of the Bamiyan Buddhas in Afghanistan or the construction of statues of B.R. Ambedkar, historical figure of Dalit resistance in India, tell us about the changing relationship between religion, media, and popular culture in South Asia, a region that includes the modern nations of India, Pakistan, Sri Lanka, Bangladesh, Nepal, Bhutan, Tibet and Afghanistan? How can tracking this changing relationship attune us to South Asia's many ritual and devotional practices as well as the ways they have informed the region's changing cultural and political formations? How does it illuminate the study of gender, caste, labour, Indigeneity, decolonization, and nationalism in modern South Asia and to the rise of religious majoritarianism today? This seminar explores these and other related questions through a study of objects, images, architecture, and other forms of media from premodern, modern, and contemporary South Asia. Given the geographic and temporal expanse this course covers, ours is a selective investigation of media such as sculpture, architecture, painting, photography, the museum, the graphic novel, cinema and their role in constituting and mediating South Asia's plural and changing religious practices at different historical stages. It also considers the many cultural conceptions of space and place that the material and visual cultures of religion constitute, which challenge the idea of South Asia as a singular or stable category.

WGSS 260 (10005)

**Food, Identity, and Desire**

Maria Trumpler

Th 9:25am-11:15am

Exploration of how food—ingredients, cooking practices, and appetites—can intersect with gender, ethnicity, class, and national origin to produce profound experiences of identity and desire. Sources include memoir, cookbooks, movies, and fiction.

# Graduate Courses

[AFAM](#) [AFST](#) [AMST](#) [ANTH](#) [ENV](#) [HIST](#) [HSAR](#) [REL](#) [LAW](#) [ARCH](#)

AFST 836 (10512) /HIST 836

## **Histories of Postcolonial Africa: Themes, Genres, and the Phantoms of the Archive**

Benedito Machava

T 1:30pm-3:20pm

This course is both historiographic and methodological. It is meant as an introduction to the major themes that have dominated the study of postcolonial Africa in recent years, and the material circumstances in which they were produced. We pay close attention to the kinds of sources and archives that scholars have employed in their works, and how they addressed the challenges of writing contemporary histories in Africa. We center our weekly meetings around one key text and one or two supplementary readings. We engage with works on politics, violence, environment and technology, women and gender, affect, fashion, leisure, and popular culture.

AFST 839 (10511) /HIST 839

## **Environmental History of Africa**

Robert Harms

W 9:25am-11:15am

An examination of the interaction between people and their environment in Africa and the ways in which this interaction has affected or shaped the course of African history.

AMST 856 (10082)

## **American Mobilities**

Laura Barraclough

Th 9:25am-11:15am

The "mobilities turn," developed primarily in the social sciences since the early 2000s, examines the structured movements of people, ideas, and things; the transportation and communication infrastructures that move them; and the cultural meanings attributed to mobility and immobility. This course integrates critical mobilities scholarship with American Studies and adjacent fields to consider the significance of (im)mobilities for the evolution of American history, geographies, society, and culture. Our focus is on American (im)mobilities and mobility justice in relationship to settler colonialism, racism, and capitalism in a variety of regions and from the seventeenth century to the present.



## **ANTH 541 (10089) /PLSC 779/HIST 965/ENV 836 Agrarian Societies: Culture, Society, History, and Development**

Kalyanakrishnan Sivaramakrishnan, Marcela Echeverri Munoz

W 1:30pm-3:20pm

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 581 (13140) / ENV 759

## **Power, Knowledge, and the Environment: Social Science Theory and Method**

Michael Dove

M 1pm-3:50pm

Course on the social scientific contributions to environmental and natural resource issues, emphasizing equity, politics, and knowledge. Section I, introduction to the course. Section II, disaster and environmental perturbation: the social science of emerging diseases; and the social origins of disaster. Section III, boundaries: cost and benefit in the Green Revolution; riverine restoration; and aspirational infrastructure. Section IV, methods: working within development projects, and rapid

appraisal and consultancies. Section V, local communities, resources, and (under)development: representing the poor, development discourse, and indigenous peoples and knowledge. This is a core M.E.M. specialization course in YSE and a core course in the combined YSE/Anthropology doctoral degree program. Enrollment capped.

ANTH 963 (10510) /HIST 963/HSHM 691/HSAR 841

**Topics in the Environmental Humanities**

Kalyanakrishnan Sivaramakrishnan, Paul Sabin

Th 5:30pm-7:20pm

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.

ARCH 2242 (13282)

**Slavery, Its Legacies, and the Built Environment**

Phillip Bernstein, Luis C. deBaca

W 3:15-6:30pm

This collaboration of the Law School and School of Architecture is taught in conjunction with the University of Michigan Law School's Problem Solving Initiative. The course examines the legal and social impact of modern and historic forms of slavery and involuntary servitude. Drawing from the disciplines of law, history, land use, architecture, and others, student teams assemble a final portfolio that will inform a spring 2022 School of Architecture studio course that will design a national slavery memorial on the Washington, D.C., waterfront. This course satisfies the ABA Experiential Learning Requirement.

ARCH 1247 (13207)

**Animal Houses**

Katherine Davies

W 11am-12:50

The course studies the nature of animal occupation on Earth, then focuses on a method or system of occupation by a single species. Species selection and methods of representation are governed by individual interests based on an introductory series of exercises focused on the primary categories of land, sea, and air. Work is realized in the form of visualizations that collect and re-present discoveries. Given the nature of the research, visualizations push the boundaries of traditional and contemporary architectural drawings and imagery by incorporating process, time, and material reconstitution into the presentation of spatial language. The seminar allows for in-depth individual research and practice in the transformation of information. Understanding the material nature of occupied space, the research further allows for an expanded understanding of alternate building practice and methodologies.

ARCH 2021 (13209)

**Environmental Design**

Anna Dyson, Mohamed Aly Etman

MF 11am-12:50pm

(Required of second-year M.Arch. I students.) This course examines the fundamental scientific principles governing the thermal, luminous, and acoustic environments of buildings, and introduces students to the methods and technologies for creating and controlling the interior environment. Beginning with an overview of the laws of thermodynamics and the principles of heat transfer, the course investigates the application of these principles in the determination of building behavior, and explores the design variables, including climate, for mitigating that behavior. The basic characteristics of HVAC systems are discussed, as are alternative systems such as natural ventilation. The second half of the term draws on the basic laws of physics for optics and sound and examines the application of these laws in creating the visual and auditory environments of a building. Material properties are explored in detail, and students are exposed to the various technologies for producing and controlling light, from daylighting to fiber optics. The overarching premise of the course is that the understanding and application of the physical principles by the architect must respond to and address the larger issues surrounding energy and the environment at multiple scales and in domains beyond a single building. The course is presented in a lecture format. Homework, computational labs, design projects, short quizzes, and a final exam are required.

ARCH 3302 (13295)

**Tall Tales**

Ife Vanable

W 11am-12:50pm

Architecture is a body of fantastic lies. Speculative and projective, architectural production corrals, traffics in, and concocts imaginaries; its histories and theories are steeped in myth and regimes of mythmaking. This course provides space to interrogate the particular, ongoing, and mutating narratives, fictions, and myths perpetuated around the design, development, and material realization/construction of high-rise residential towers from the turn of the century to the start of what has been referred to as the Reagan era, alongside the various political, financial, and social agendas that motivated their development. The course aims to nurture modes of recognition of "housing" as critical loci where architectural form, federal and state power, municipal interactions of zone (zoning envelope, building volume, and air rights), finance, body, law, rhetoric, aesthetics, real estate development, and conceptions of racial difference come into view. The course reckons with typology and the seeming difficulty with imagining subjects racialized as black holding a position up in the sky.

ARCH 4213 (13287)

**The City and Carbon Modernity**

Elisa Iturbe

F 2pm-4:50pm

Humanity has moved through three energy paradigms, each of which has produced different built environments and social organizations. At each transition—from nomadic to agricultural and from agricultural to industrial—the productive capacity of human society was transformed, restructuring the existing social order and engendering a corresponding spatial and architectural paradigm. This course studies our current energy paradigm—carbon-intensive fossil fuels—as a driver of urban and architectural form. Rather than studying the technical aspects of energy, however, the course focuses on the social and spatial organizations that arise and are dependent on dense and abundant energy, identifying these as carbon form. Despite increasing awareness of environmental issues, architects continue to replicate carbon form, preventing a transition out of our current energy paradigm. Just as the modern movement proposed a new organization for the city based on the realities of industry, this moment demands new organizations that can respond to an urban system that the climate crisis has shown to be obsolete. Unlike in modernism, however, the energy transition to which we must respond has not yet occurred. And yet, architecture must still declare the death of carbon modernity and seek the means to overcome its material and cultural legacy. In this light, the course interrogates the foundations of contemporary human organization in order to lay new foundations for the oncoming transitions in energy and social form. Students study the theoretical roots of carbon form in the works of Le Corbusier, Hilberseimer, Koolhaas, and others, and speculate on new human settlement patterns by examining the relationship between the energy grid and the urban grid, i.e., between energy and urban form. Assignments include readings, reading responses, as well as drawings at the midterm and final. Limited enrollment.

ARCH 4252

**Architecture/ Food: The Arch. of the Food System**

Caitlyn Taylor

Th 9am-10:50am

This course explores the entangled production of food and our built environment as tangible, material manifestations of our societal and cultural values and as powerful and urgent drivers of rapidly accelerating climate change. The seminar surveys the spaces and places of the American food system throughout history and today, including its architecture and infrastructure, its inputs and outputs, its embodied energy, and its economic and political dynamics. Students read and analyze texts drawn from a number of disciplines including ecology, botany, economics, industrial engineering, and history, and synthesize material that is new to the architectural discourse. Course work results in a qualitative and quantitative survey of the architecture of our national food system and concludes with a focus on projective and future-facing concepts for radically repurposing food infrastructure. In doing so, students in the course set parameters for architecture as a means of regional food system transformation.

ENV 522 (13465)

**Social Science Foundations for Environmental Managers**

Amity Doolittle

MW 1pm-2:20pm

The environmental social sciences shed light on how humans define, perceive, understand, manage, and otherwise influence the environment. Insights into the cultural, institutional, political-economic, and historic drivers of human actions are needed to describe and understand human-environment interactions as well as to move toward long-lasting and flexible responses to socio-environmental change. This basic knowledge course is designed to introduce students to a range of social science disciplines that are engaged in understanding the relationships between nature and society. Explicit focus is on how to mobilize the insights gained from environmental social sciences for natural resource management.

ENV 618 (14409)

**Anthropology of Smallholder Agriculture in Developing Countries**

Carol Carpenter

W 9am-11:50am

The premise of this course is that small-scale agriculture, its distinctive economic character, and its ecology shape each other in important ways. The course explores smallholder farming in the developing world through ethnographies.

ENV 826 (13462)

**Foundations of Natural Resources Policy and Management**

Susan Clark

T 2:30pm-5:20pm

This is a research seminar focused on the foundations of natural resources policy and management and designed for students in any subfield of environmental studies or other disciplines. The seminar's purpose is to help students improve their skills in thinking more effectively and acting more responsibly in complex management and policy cases. The seminar explores comprehensive and integrated (interdisciplinary) concepts and methods for thinking about problems in natural resources policy and management and proposing solutions to them. Once students gain familiarity with the core concepts and methods of standpoint clarification and problem orientation, they apply them to particular issues in natural resources policy and management. Each student, alone and in collaboration with a group, is responsible for researching a particular problem. Each student circulates a draft of their paper to other seminar participants and lectures on and leads discussion of it in a class session. It is hoped that papers of sufficient quality will be published. Each student is also required to engage in course exercises outside of class and in in-class dialogue on a weekly basis. The seminar is designed to lay the foundation for all future work and for all other policy courses.

ENV 894 (13629)

**Green Building: Issues and Perspectives**

Peter Yost, Melissa Kops

F 9am-11:50am

Our built environment shapes the planet, our communities, and each of us. Green buildings seek to minimize environmental impacts, strengthen the fabric of our cities and towns, and make our work and our homes more productive and fulfilling. This course is an applied course, exploring both the technical and the social-business-political aspects of buildings. Topics range from building science (hygrothermal performance of building enclosures) to indoor environmental quality; from product certifications to resilience (robust buildings and communities in the face of disasters and extended service outages). The purpose of the course is to build a solid background in the processes and issues related to green buildings, equipping students with practical knowledge about the built environment. Extensive use is made of resources from BuildingGreen, Inc., one of the leading information companies supporting green building and green building professionals. The course takes a "joint-discovery" approach with substantial emphasis on research and group project work, some fieldwork, and online individual testing. There are too many topics within green building to cover in one term, so the course is broken down into two sections. The first six weeks focus on the following topics, led by the instructor and/or an expert guest lecturer: building science, materials, indoor environmental quality, rating programs and systems, resilience, systems integration. The second half of the course focuses on selected topics driven by students and their particular interest/academic focus. The class meets once a week, with the instructor available to students that same day. Enrollment limited to twenty-four.

ENV 980 (13615)

**Social Justice in the Global Food System Capstone**

Kristin Reynolds

Th 2:30pm-5:20pm

This course explores social justice dimensions of today's globalized food system, considering justice in terms of sociopolitical and environmental dynamics. We connect theory and practice through work with community-based organizations working at the nexus of food, agriculture, and social justice. The capstone project work is grounded in food and social justice concepts examined through course materials and seminar discussions. We examine how governmental environmental strategies affect social equity in the food system at multiple scales. We discuss how land grabbing or food insecurity is connected to relative power on the global stage. We consider how phenomena such as structural violence and neoliberalization surface within the food system, and what this means for sustainability and justice—in urban and rural settings. We examine and debate concepts and practices including food sovereignty, agroecology, black agrarianism, and the right to food used to advance positive change. Through the capstone project, students have the opportunity to deepen learning and contribute to the work of community groups forging pathways for equity and justice in the food system, particularly among communities historically marginalized from mainstream economies and policy making. Project work includes meetings with organizational leaders to understand context and co-develop appropriate project approaches. Students work in groups to conduct in-depth research and analysis, and engage in additional professional and educational

activities connected to the project. Student groups prepare a final presentation and report to be shared with the partner organizations. The course provides opportunities to develop competencies in analyzing global food system phenomena through social justice frameworks, and working within diverse settings on food and social justice issues, as practice for management, policy making, and other professional roles.

ENV 989 (13984) / EHS 598

**Environment and Human Health**

Michelle Bell

M 1pm-3:50pm

This course provides an overview of the critical relationships between the environment and human health. The class explores the interaction between health and different parts of the environmental system including weather, air pollution, greenspace, environmental justice, and occupational health. Other topics include environmental ethics, exposure assessment, case studies of environmental health disasters, links between climate change and health, and integration of scientific evidence on environmental health. Students learn about current key topics in environmental health and how to critique and understand scientific studies on the environment and human health. The course incorporates lectures and discussion.

HIST 791 (10500)

**Ports, Cities, and Empires**

Paul Kennedy, Jay Gitlin

T 1:30pm-3:20pm

A study of the relationship between imperialism and urbanism from the early modern period to the twentieth century. Topics include Roman medieval precedents; the uses and meanings of walls; merchant colonies and Latin Quarters; modernist urban planning and the International Style in Africa and the Middle East; comparative metro system in Paris, Algiers, and Montreal; decolonization and imperial nostalgia. Cities to be discussed include Delhi/New Delhi, New Orleans, Dublin, Cape Town, Tel Aviv, Addis Ababa, and many others.



HIST 930 (10485) /HSHM 701

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

John Warner

T 1:30pm-3:20pm

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 Asia, Latin America, Europe, and the United States from antiquity through the twenty-first century. Topics include the role of gender, class, ethnicity, race, religion, and region in the experience of sickness and healing; the intersection of lay and professional understandings of the body; and the role of the marketplace in shaping cultural authority, professional identities, and patient expectations.

HIST 931 (10484) /HSHM 702

**Problems in the History of Science**

Deborah Coen

Th 1:30pm-3:20pm

Surveys current methodologies through key theoretical and critical works. Students encounter major twentieth-century methodological moments that have left lasting imprints on the field: positivism and anti-positivism, the sociology of knowledge, actor-network theory, and historical epistemology, as well as newer approaches focusing on space, infrastructure, translation, and exchange. We also consider central conceptual problems for the field, such as the

demarcation of science from pseudoscience; the definition of modernity and the narrative of the Scientific Revolution; vernacular science, the colonial archive, and non-textual sources.

HIST 937 (10482) /HSHM 761/AFAM 752

**Medicine and Empire**

Carolyn Roberts

M 9:25am-11:15am

A reading course that explores medicine in the context of early modern empires with a focus on Africa, India, and the Americas. Topics include race, gender, and the body; medicine and the environment; itineraries of scientific knowledge; enslaved, indigenous, and creole medical and botanical knowledge and practice; colonial contests over medical authority and power; indigenous and enslaved epistemologies of the natural world; medicine and religion.

HSAR 705 (12569)

**Representing the American West**

Jennifer Raab

T 1:30pm-3:20pm

The American West holds a powerful place in the cultural and political imagination of the United States. Taught at the Beinecke, this course examines settler colonial art and visual culture from the early republic to the present, considering changing conceptions of the land across media—from maps, aquatints, and guidebooks to paintings, panoramas, and photographs. We consider the representation of railroads, National Parks, ghost towns, and highways; terms such as distance, aridity, seriality, mythology, and the frontier; artists' engagement with ecological questions; the construction of whiteness in and through the landscape; and sites of indigenous resistance. The seminar foregrounds research and writing, with the term structured around the conceptualization and development of student papers emerging from the Beinecke's extraordinary collection of Western Americana. Prior permission of the instructor is required.



LAW (20054)

**Animal Law**

Jonathan Lovvorn, Doug Kysar

M 4:10pm-6pm

This course will examine the application of the law to non-human animals, the rules and regulations that govern their treatment, and the concepts of "animal welfare" and "animal rights." The course will explore the historical and philosophical treatment of animals, discuss how such treatment impacts the way judges, politicians, lawyers, legal scholars and lay people see, speak about, and use animals; survey current animal protection laws and regulations, including overlap with such policy issues as food and agriculture, climate change, and biodiversity protection; describe recent political and legal campaigns to reform animal protection laws; examine the concept of "standing" and the problems of litigating on behalf of animals; discuss the current classification of animals as "property" and the impacts of that classification, and debate the merits and limitations of alternative classifications, such as the recognition of "legal rights" for animals. Students will write a series of short response papers. An option to produce a longer research paper for Substantial or Supervised Analytic Writing credit will be available to Law students. Enrollment limited to forty.

REL 951 (14678)

**Environmental Ethics and Theology**

Luke Kreider

F 9:30am-11:20am

This course explores theological responses to environmental problems and critically examines the relations between ecology and Christian ethics. Why does the environment matter from a Christian perspective? How does creation make claims on Christian life? By what moral, theological, and/or biblical resources do Christians interpret environmental problems? How do environmental issues intersect with social issues, including dynamics of race, class, and gender? How do Christians discern intersectional responsibilities for their ecological and sociopolitical relations? Should ecology influence theology? Should nature source spirituality? How does place matter for Christian identity and theology? The seminar investigates these questions by examining a wide range of Christian perspectives on environmental ethics. Area V and Area II.