

ARCHAEOLOGY

<http://krieger.jhu.edu/archaeology/>

The major in archaeology is an interdepartmental program that introduces students to archaeological theory, the analysis of archaeological materials, and the results of archaeological research throughout the world. Archaeology studies human societies through examination of their material culture (physical remains), considering such issues as human subsistence, interaction with climate and physical environment, patterns of settlement, political and economic organization, and religious activity and thought. The field allows for the study of the entirety of human experience from its beginnings to the present day, in every region of the world, across a vast array of social contexts.

Students in the major will have the opportunity to study and conduct research on materials stored in The Johns Hopkins Archaeological Museum, which consists of a diverse and extensive assemblage of artifacts from ancient Greece, Rome, Egypt, Mesopotamia, Palestine, and Mesoamerica. Opportunities may also be available to study materials in the Classical, Egyptian, and Near Eastern collections in the Walters Art Museum.

Programs

- Archaeology, Bachelor of Arts (<https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/archaeology-ugrad-major/archaeology-bachelor-arts/>)
- Archaeology, Minor (<https://e-catalogue.jhu.edu/arts-sciences/full-time-residential-programs/degree-programs/archaeology-ugrad-major/archaeology-minor/>)

For current course information and registration go to <https://sis.jhu.edu/classes/>

Courses

AS.136.101. Introduction To Archaeology. 3 Credits.

An introduction to archaeology and to archaeological method and theory, exploring how archaeologists excavate, analyze, and interpret ancient remains in order to reconstruct how ancient societies functioned. Specific examples from a variety of archaeological projects in different parts of the world will be used to illustrate techniques and principles discussed. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Citizens and Society (FA4), Ethics and Foundations (FA5)
EN Foundational Abilities: Engagement with Society (FA4)

AS.136.504. Archaeology Laboratory Research. 1 Credit.

Archaeological research supervised by faculty
Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration, Online Forms.
AS Foundational Abilities: Citizens and Society (FA4), Projects and Methods (FA6)
EN Foundational Abilities: Engagement with Society (FA4)

AS.136.505. Archaeology Fieldwork. 1 Credit.

Fieldwork associated with Archaeology major
Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration, Online Forms.
AS Foundational Abilities: Science and Data (FA2), Citizens and Society (FA4), Projects and Methods (FA6)
EN Foundational Abilities: Engagement with Society (FA4)

AS.136.506. Independent Study-Archaeology Fieldwork. 1 - 3 Credits.

Fieldwork associated with Archaeology major
Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration, Online Forms.
AS Foundational Abilities: Science and Data (FA2), Citizens and Society (FA4), Projects and Methods (FA6)
EN Foundational Abilities: Engagement with Society (FA4)

AS.136.510. Archaeology Major Honors Thesis I. 3 Credits.

Thesis writing related to Archaeology major
Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration, Online Forms.
AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Projects and Methods (FA6)
EN Foundational Abilities: Engagement with Society (FA4)
Writing Intensive

AS.136.511. Archaeology Major Honors Thesis II. 3 Credits.

Thesis writing related to Archaeology major
Prerequisite(s): You must request Independent Academic Work using the Independent Academic Work form found in Student Self-Service: Registration, Online Forms.; AS.136.510
AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Projects and Methods (FA6)
EN Foundational Abilities: Engagement with Society (FA4)
Writing Intensive

Cross Listed Courses

Anthropology

AS.070.132. Invitation to Anthropology. 3 Credits.

The question of what it means to be human requires continual investigation. Anthropology offers conceptual tools and an ethical groundwork for understanding humanity in all its diversity. This course familiarizes students with anthropological concepts and methods. We will engage in critical analysis of a broad range of subjects including language, exchange, class, race, gender, kinship, sexuality, religion, and capitalism.
Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Projects and Methods (FA6)
Writing Intensive

AS.070.229. Introduction to Historical Archaeology. 3 Credits.

Historical archaeology might be defined as the study of the modern world's development through investigations of material and archival remains of past societies. Because of its focus on the post-Columbian era, Charles Orser drew attention to the "haunts" of historical archaeology, including colonialism, Eurocentrism, capitalism, and modernity. This course focuses primarily on the field in North America, including its history and development. Historical archaeology now provides crucial perspectives on the silenced, overlooked, and obscured histories and experiences of marginalized peoples. Anthropological approaches enable historical archaeologists to link past events and processes to our current moment and to better understand the enduring legacies of sociopolitical formations and institutions that perpetuate various forms of inequality.

AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Projects and Methods (FA6)

EN Foundational Abilities: Engagement with Society (FA4)

Writing Intensive

AS.070.273. Ethnographies. 3 Credits.

This course explores the craft of ethnography as a mode of research and writing fundamental to anthropology. Through the close reading of several ethnographic works, we will consider the intertwining of description, local concepts, and analysis. We will undertake several observation and writing exercises to learn how to write in an ethnographic mode and translate field research into lively texts.

Distribution Area: Humanities, Social and Behavioral Sciences

AS Foundational Abilities: Writing and Communication (FA1), Projects and Methods (FA6)

Writing Intensive

AS.070.419. Logic of Anthropological Inquiry. 3 Credits.

Anthropology is an endeavor to think with the empirical richness of the world at hand, a field science with both literary and philosophical pretensions. This course grapples with the nature of anthropological inquiry, reading classic works in the discipline as well as contemporary efforts to reimagine its foundations. Required for anthropology majors.

Distribution Area: Humanities, Social and Behavioral Sciences

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

Writing Intensive

Behavioral Biology**AS.290.101. Human Origins. 3 Credits.**

This course examines the origins of human structure, function and behavior from an evolutionary perspective. It includes study of the evolution, behavior and behavioral ecology of nonhuman primates, hominid evolution (including the paleontological and archaeological records), and the origins of human cognition, social behavior and culture.

Distribution Area: Natural Sciences, Social and Behavioral Sciences

AS Foundational Abilities: Science and Data (FA2)

EN Foundational Abilities: Engagement with Society (FA4)

Classics**AS.040.111. Ancient Greek Civilization. 3 Credits.**

The course will introduce students to major aspects of the ancient Greek civilization, with special emphasis placed upon culture, society, archaeology, literature, and philosophy.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Democracy (FA4.1), Ethics and Foundations (FA5)

EN Foundational Abilities: Engagement with Society (FA4)

Writing Intensive

AS.040.137. Archaeology at the Crossroads: The Ancient Eastern Mediterranean through Objects in the JHU Archaeological Museum. 3 Credits.

This seminar investigates the Eastern Mediterranean as a space of intense cultural interaction in the Late Bronze Age, exploring how people, ideas, and things not only came into contact but deeply influenced one another through maritime trade, art, politics, etc. In addition to class discussion, we will work hands-on with artifacts from the JHU Archaeological Museum, focusing on material from Cyprus.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Citizens and Society (FA4)

Writing Intensive

AS.040.221. Art & Archaeology of Early Greece: Exploring the Material Worlds of the Ancient Aegean. 3 Credits.

This course explores the origins and lives of societies in the Aegean world from the Early Bronze Age to the Persian Wars (ca. 3100-480 B.C.), focusing on major archaeological sites, sanctuaries, material culture, and artistic production.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

Earth & Planetary Sciences**AS.270.103. Introduction to Global Environmental Change. 3 Credits.**

A broad survey of the Earth as a planet, with emphasis on the processes that control global changes. Topics include: the structure, formation, and evolution of the Earth, the atmosphere, oceans, continents, and biosphere. Special attention is given to present-day issues, such as global climate change, natural hazards, air pollution, resource depletion, human population growth, habitat destruction, and loss of biodiversity. Open to all undergraduates.

Distribution Area: Natural Sciences

AS Foundational Abilities: Science and Data (FA2), Ethics and Foundations (FA5)

AS.270.202. Introduction to Ecology. 3 Credits.

Ecology is the study of organisms and their environment. This course focuses on the patterns of distribution and abundance of organisms.

Topics include population dynamics and regulation, competition, predation, host-parasite interactions, patterns of species diversity, community succession, the flow of energy and matter through ecosystems. We will also discuss the role of natural and human disturbances in shaping communities.

Prerequisite(s): AS.270.103 OR AS.020.151

Distribution Area: Natural Sciences

AS Foundational Abilities: Science and Data (FA2)

AS.270.205. Introduction to Geographic Information Systems and Geospatial Analysis. 3 Credits.

The course provides a broad introduction to the principles and practice of Geographic Information Systems (GIS) and related tools of Geospatial Analysis. Topics will include history of GIS, GIS data structures, data acquisition and merging, database management, spatial analysis, and GIS applications. In addition, students will get hands-on experience working with GIS software.

Distribution Area: Engineering, Natural Sciences

AS Foundational Abilities: Science and Data (FA2)

AS.270.220. The Dynamic Earth: An Introduction to Geology. 3 Credits.

Basic concepts in geology, including plate tectonics; Earth's internal structure; geologic time; minerals; formation of igneous, sedimentary, and metamorphic rocks; development of faults, folds and earthquakes; geomagnetism. Corequisite (for EPS Majors): AS.270.221; optional for others. The course is introductory and open to undergraduates at all levels; freshmen are encouraged to enroll.

Distribution Area: Natural Sciences

AS Foundational Abilities: Science and Data (FA2)

AS.270.318. Remote Sensing of the Environment. 3 Credits.

This course is an introduction to the use of remote sensing technology to study Earth's physical and biochemical processes. Topics covered include remote sensing of the atmosphere, land and oceans, as well as remote sensing as a tool for policy makers. Also offered as 270.618.

Distribution Area: Natural Sciences

AS Foundational Abilities: Science and Data (FA2), Projects and Methods (FA6)

AS.270.338. Field Methods in Ecology. 3 Credits.

This course will introduce student to methods used in field-based ecological research addressing population, community and ecosystem-level questions. Outdoor fieldwork is an essential part of the course. Field activities will center around the riparian ecosystem adjacent to the Homewood campus and on the urban ecology of the greater Baltimore region. Students will build skills in data collection, analysis, synthesis, and presentation. Basic statistical instruction in R will be taught to aid data analysis.

Prerequisite(s): Click here to access the Laboratory Safety Introductory Course (<https://johnshopkins.csod.com/ui/lms-learning-details/app/curriculum/66847e20-c695-4e54-a6be-8c94465b8a70/>); AS.270.202

AS Foundational Abilities: Writing and Communication (FA1), Science and Data (FA2), Projects and Methods (FA6)

English**AS.060.330. Climate Imagination in Early Modernity. 3 Credits.**

Climate imagination in early modernity. This is an introduction to study of the literature of climate imagination with a focus on pre-modern literature. During the period 1500-1750, the ground was laid for modern thinking about humans, climate, and their environment. We will explore how affective responses, conceptual frameworks, and storytelling developed around climate crises, including the "little ice age," flood, earthquake, disease, and storm; and around human entanglement with non-human beings and environments in the era of scientific revolution, early capitalist enterprise, early journalism, and colonial settlement. We will focus on English drama, nonfictional essay and journalism, and poetry that all grapple with the representation of climate crisis in Europe and its maritime and colonial worlds. Topics may include: genres of worldmaking (pastoral, georgic, myth); representations of anthropogenic climate change and civic response; race-making, indigeneity, and climate; Extreme Weather journalism; land management, gardens, extraction, forestry, rivers; Health and plague.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Ethics and Foundations (FA5)

EN Foundational Abilities: Creative Expression (FA3)

Writing Intensive

Environmental Health and Engineering**EN.570.406. Environmental History. 3 Credits.**

Environmental history explores the interactions between social change and environmental transformation, or the ways in which societies modify landscapes and are themselves affected by geological, climatological and changing ecological conditions. Topics include the relationship between climate change and human evolution, the environmental impacts of market-based commodity production and regional economic specialization; the relationship between urbanization and environmental change; how warfare affects and is affected by environmental conditions.

Distribution Area: Humanities, Social and Behavioral Sciences

Writing Intensive

First Year Seminars

AS.001.148. FYS: Dining and drinking in the ancient Mediterranean world. 3 Credits.

This First-Year Seminar focuses on the cultures of dining and drinking in the ancient Greek and Roman worlds, with excursions into the foodways of other ancient societies abutting the Mediterranean basin. We will investigate the social practices and values that are associated with conviviality in these societies, and how such practices and values change over time. We will consider the kinds of communities that these practices construct, and how and to what extent different kinds of people are included, excluded, or placed in a social hierarchy by their participation in these practices. Special attention will be given to feasting as represented in the Homeric poems, especially the *Odyssey*; to the Archaic and Classical Greek symposium; and to the Roman convivium and other dining forms extending to late Antiquity. Fueling our investigation and underpinning our discussions will be a wide variety of ancient Greek and Roman texts (to be read in English translation); images and representations of ancient dining in diverse visual media, including Greek vase painting, Roman wall painting, and mosaics; and archaeological evidence for the spaces, settings, and implements of ancient dining and drinking. Throughout, we will engage with key scholarship on aspects of this topic. The seminar includes visits to the Walters Art Museum, the Baltimore Museum of Art, and the Johns Hopkins Archaeological Museum, all of which house objects that illuminate our inquiry. It may also involve screenings of films or clips featuring modern imaginative reconstructions of ancient dining events.

Distribution Area: Humanities

History of Art

AS.010.205. Art and Architecture of Mesoamerica. 3 Credits.

This course surveys the art and architecture of Mesoamerica, from the ancestral Puebloans in what is today the Southwestern United States, through the homelands of the Mexica, Maya, and Zapotec in Central America, to the Taíno and Chiriquí in the Circum-Caribbean. After first discussing the concept of "Mesoamerica," we will then explore the material and spatial productions of these Indigenous groups. Each week we will focus on a different urban setting, examining the works communities made and used there, which included sculpture, ceramics, murals, manuscripts, textiles, metalwork, and earthen architecture. Course themes will include—but are not limited to—the portrayal of humans, animals, and sacred figures; urban design, construction, and monumentality; as well as how materials and spaces were used for religious and political purposes.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.010.240. Art and the Environment in the Ancient Eastern Mediterranean. 3 Credits.

What is the relationship between art and the environment? What are "geoaesthetics?" This course explores the interrelationships between ecosystem and creative responses and practices in the ancient Eastern Mediterranean. Specifically, the class will examine the intersections between artistic and architectural practices and the natural environment during the New Kingdom in ancient Egypt, the Neo-Assyrian period in ancient Mesopotamia, and the Minoan Bronze Age in the ancient Aegean.

Distribution Area: Humanities

AS.010.307. Diplomats, Dealers, and Diggers: The Birth of Archaeology and the Rise of Collecting from the 19th c. to Today. 3 Credits.

This course investigates the confluence of archaeology as a discipline, collecting of cultural heritage, and their ongoing roles in the socio-politics of the Western world and Middle East. It focuses primarily on the Middle East, first tracing a narrative history of archaeology in the region during the 19th and early 20th centuries, with its explorers, diplomats, missionaries and gentlemen-scholars. It then examines the relationship of archaeology to the creation of the encyclopedic museum and collecting practices more generally, considering how these activities profoundly shaped the modern world, including the antiquities market and looting. A central theme is the production of knowledge through these activities and how this contributes to aspects of power and (self-)representation.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.010.309. The Idea of Athens. 3 Credits.

This thematic course will explore the art, architecture, material culture, and textual evidence from the ancient city of Athens, the many cultures and social positions that made up the ancient city, and the idea of the city as something far beyond its reality. We will take a number of field trips to museums in the area and some of your assignments will be based in local museums.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Democracy (FA4.1)

AS.010.315. Art of the Assyrian Empire, 1000-600 BCE. 3 Credits.

From 900 to 609 BCE, the Assyrian Empire dominated the ancient Near Eastern world, stretching from western Iran to the Mediterranean and Egypt. In concert with imperial expansion came an explosion of artistic production ranging from palace wall reliefs to small-scale luxury objects. This course provides an integrated picture of the imperial arts of this first world empire, situating it within the broader social and political contexts of the first millennium BCE. In its conquest of foreign lands, this powerful state came in contact with and appropriated a diversity of cultures, such as Phoenicia, Egypt, and Greece, which we will also study.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

AS.010.350. Body and Soul: Medicine in the Ancient Americas. 3 Credits.

This course examines curative medicine in the Americas through its visual culture and oral histories. Philosophies about the body, health, and causes of illness are considered, as are representations of practitioners and their pharmacology. Case studies are drawn from across the Americas (Aztec, Moche, Aymara, Paracas, American SW). Collections study in museums, Special Collections.

Distribution Area: Humanities

AS Foundational Abilities: Science and Data (FA2), Culture and Aesthetics (FA3)

AS.010.364. Babylon: Myth and Reality. 3 Credits.

Babylon – the name resonates even today, from the biblical whore of Revelation to sci-fi. It evokes exotic places and time long past. But what do we really know about the ancient city and the civilization that flourished there thousands of years ago? This course examines the archaeological city of Babylon, located in the modern state of Iraq, and considers its artistic and architectural achievements in the context of Mesopotamian history. The class will also survey the legacy of Babylon and its continuing relevance in contemporary society.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

AS.010.365. Art of the Ancient Andes. 3 Credits.

The visual arts of Andean South America and their respective cultural contexts form the basis of our study. Collections study in local and regional museums.

Distribution Area: Humanities

AS Foundational Abilities: Science and Data (FA2), Culture and Aesthetics (FA3)

AS.010.366. Native American Art. 3 Credits.

Visual arts are examined and discussed in their respective social and historical contexts.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.010.398. Tombs for the Living. 3 Credits.

Drawing on case studies from North America, Mesoamerica, and the Andes this course considers various approaches to entombment and funerary ritual. Our analyses bear upon beliefs about death and the afterlife, ancestor veneration, fear of the dead, and the body as a site of embodied values. Tombs provide a specific context for interpreting object offerings and their attendant meanings. Collections study in regional museums.

Distribution Area: Humanities

AS Foundational Abilities: Science and Data (FA2), Culture and Aesthetics (FA3)

AS.010.407. Ancient Americas Metallurgy. 3 Credits.

This course addresses the technology, iconography and social significance of metals and draws on case studies from the Americas. Collections study in museums.

Distribution Area: Humanities

AS Foundational Abilities: Science and Data (FA2), Culture and Aesthetics (FA3)

AS.010.444. Classics/History of Art Research Lab. 3 Credits.

This research-driven course focuses on joining together and mapping the largest known corpus of mosaic fragments (1st-6th centuries CE) from the heterogenous ancient city of Antioch at the mouth of the Orontes river (modern Antakya, Turkey). These mosaic fragments have been dispersed to institutions and museums across the globe, and their reunifications tell a series of stories about ancient Mediterranean diversity, early 20th century archaeology, and contemporary collection histories. Building from work completed in Phase I (Spring 2020) and Phase II (Fall 2021) and in conversation with a global network of Antioch researchers, students in this course will continue to research and digitally reunite mosaic fragments, including those in the collection of the Baltimore Museum of Art, delve deeper into the archival record associated with the early 20th century excavations, of which Baltimore was among the sponsors, and explore contemporary object biographies of the corpus, part of which remains in the region devastated by the earthquakes in Turkey and Syria in Spring 2023. Our research will center questions of craft, trade, materials and labor in ancient Antioch, modern archaeological practice, and contemporary museums. No prerequisites required and students from all majors welcome.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4), Projects and Methods (FA6)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.010.474. Picturing Performance. 3 Credits.

Picturing Performance takes up the material traces of ancient Greek performance—the remains of theaters, paintings, masks, and musical instruments, as well as epigraphic, papyrological, and other textual transmissions of these works—alongside contemporary receptions of these performances, which have been such a rich site of reworking. Examples include: the Homeric Hymn to Demeter and Anäis Mitchell's Hometown, Euripides' The Bacchae and Hope Mohr Dance's Before Bacchae, and Sophocles' Antigone and Theater of War's Antigone in Ferguson. These ancient performances engage questions of gender and sexuality, constructions of race, migration, citizenship, and belonging, power, governance, and resistance, disease and collective healing, among the subjects that have also inspired contemporary interpretations. All texts will be read in translation. We will visit museum collections in the region and, where possible, see live performances of these works.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Ethics and Foundations (FA5)

Writing Intensive

AS.010.480. Indigenous Materialities of the Americas. 3 Credits.

The American continent and its islands are home to a diverse and delicate ecosystem, and for millennia, Indigenous communities have tended to and shaped these rich landscapes. This seminar journeys across the Americas to understand how Indigenous makers cultivated materials from these ecologies and transformed them into impressive arrays of art and architecture. Each week, students will explore a different medium—bark, shell, rubber, feathers, reed, stone, clay, etc.—that makers shaped into visual and spatial forms. Although this course focuses on the ancestral and early modern periods, it will also explore continued and shifting practices with these materials among contemporary artists. Readings will include material analyses, art historical and archaeological interpretations, as well as early colonial writings by Indigenous authors. There will also be opportunities for students to engage with materials in class. Course material will cover issues of technical skill and ecological knowledge; ephemerality and (im)permanence; animacy and relationality as it pertains to the relationships formed between makers and their works; and the role of Indigenous materialities in reconfiguring canons and categories that continue to scaffold the field of art history. For their final assignment, students will select a multimedia work from the Indigenous Americas and unpack its materiality in both presentation and essay format.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Ethics and Foundations (FA5)

EN Foundational Abilities: Creative Expression (FA3)

AS.010.674. Picturing Performance. 3 Credits.

Picturing Performance takes up the material traces of ancient Greek performance—the remains of theaters, paintings, masks, and musical instruments, as well as epigraphic, papyrological, and other textual transmissions of these works—alongside contemporary receptions of these performances, which have been such a rich site of reworking. Examples include: the Homeric Hymn to Demeter and Anais Mitchell's *Hadestown*, Euripides' *The Bacchae* and Hope Mohr Dance's *Before Bacchae*, and Sophocles' *Antigone* and Theater of War's *Antigone in Ferguson*. These ancient performances engage questions of gender and sexuality, constructions of race, migration, citizenship, and belonging, power, governance, and resistance, disease and collective healing, among the subjects that have also inspired contemporary interpretations. All texts will be read in translation. We will visit museum collections in the region and, where possible, see live performances of these works. Writing Intensive

Interdepartmental**AS.360.411. Trade Networks of the Ancient Near East: Laboratory Analysis. 3 Credits.**

Trade and exchange, and the social interactions they foster, are long-standing center-points of interest to archaeologists. For the ancient Near East, trade has been proposed as a key factor in the rise of the world's earliest cities in southern Mesopotamia. During their earliest stages of development, cities in southern Mesopotamia were destination points for exotic raw materials and high-value trade goods, including copper and softstone (chlorite) from ancient Magan (present day Oman and the United Arab Emirates). This course will examine theories and methods for studying ancient trade, with a specific focus on copper and chlorite from Oman. Students will learn some of the key methods archaeologists use to analyze ancient metal and stone, and will conduct some of their own analysis in laboratories at Johns Hopkins, including the Spatial Observation Lab for Archaeological Research (SOLAR) in Gilman Hall 135.

Distribution Area: Humanities

AS Foundational Abilities: Citizens and Society (FA4)

EN Foundational Abilities: Engagement with Society (FA4)

Modern Languages and Literatures**AS.211.329. Museums and Identity. 3 Credits.**

The museum boom of the last half-century has centered largely around museums dedicated to the culture and history of identity groups, including national, ethnic, religious, and minority groups. In this course we will examine such museums and consider their long history through a comparison of the theory and practice of Jewish museums with other identity museums. We will study the various museological traditions that engage identity, including the collection of art and antiquities, ethnographic exhibitions, history museums, heritage museums, art museums, and other museums of culture. Some of the questions we will ask include: what are museums for and who are they for? how do museums shape identity? and how do the various types of museums relate to one another? Our primary work will be to examine a variety of contemporary examples around the world with visits to local museums including the Jewish Museum of Maryland, the National Museum of African American History and Culture and the National Museum of the American Indian.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4), Democracy (FA4.1)

Near Eastern Studies**AS.130.101. Ancient Middle Eastern Civilizations. 3 Credits.**

Review of important issues in ancient Near Eastern history and culture from the Neolithic era to the Persian period. Included will be an examination of the Neolithic agricultural revolution, the emergence of cities, states and writing, and formation of empires. Cultures such as Sumer and Akkad, Egypt, the Hittites, Israelites, Assyrians, Babylonians, and Persians will be discussed.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4), Democracy (FA4.1)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.130.126. Gods and Monsters in Ancient Egypt. 3 Credits.

A basic introduction to Egyptian Religion, with a special focus on the nature of the gods and how humans interact with them. We will devote particular time to the Book of the Dead and to the "magical" aspects of religion designed for protective purposes.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

AS.130.153. A (Virtual) Visit to the Louvre Museum: Introduction to the Material Culture of Ancient Egypt. 3 Credits.

This course will present the Egyptological collections of the musée du Louvre in Paris, room by room, as in a real visit. From the Predynastic period, in the 4th millennium BC, to Roman time, the iconic “masterpieces” of this world-renowned art museum, as well as its little-known artifacts, will allow us to explore the history and material culture of ancient Egypt. We will also learn to observe, describe and analyze archaeological objects, in a global manner and without establishing a hierarchy between them, while questioning their place in the museum and its particular language. The objective will be to go beyond the objects themselves and answer, in fine, the following questions: What do these objects tell us about the men and women who produced them, exchanged them, used them, and lived among them in antiquity? What do they also reveal about those who discovered them in Egypt, several millennia later, about those who collected them and sometimes traded them, and what does this say about the relations between Egypt and the Western countries over time? The course will be complemented by one visit to the Johns Hopkins Archaeological Museum and one visit to the Walters Art Museum.

Distribution Area: Humanities

AS.130.177. World Prehistory: An Anthropological Perspective. 3 Credits.

How and why did our nomadic hunting and gathering ancestors become farmers? What led agricultural societies to build cities, develop writing, religious institutions, wage war, and trade for exotic goods? This course surveys prehistory and ancient history from the origins of human culture to the emergence civilization. Although prehistory and ancient history yield evidence of tremendous cultural diversity this course emphasizes common elements of past human experience, culture, and culture change. These include the origins of modern humans and their adjustment to a variety of post-ice age environments, shifts from hunting and gathering to agricultural lifeways, and the initial development of the world’s earliest cities and civilizations.

Distribution Area: Humanities, Social and Behavioral Sciences

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

Writing Intensive

AS.130.214. The Origins of Civilization: A Cross-Cultural Perspective. 3 Credits.

One of the most significant transformations in human history was the “urban revolution” in which cities, writing, and social classes formed for the first time. In this course, we compare five areas where this development occurred: China, Mesopotamia, the Indus Valley, Egypt, and Mesoamerica (Mexico/Guatemala/Honduras/Belize). In each region, we review the physical setting, the archaeological and textual evidence, and the theories advanced to explain the rise (and eventual collapse) of these complex societies.

Distribution Area: Humanities, Social and Behavioral Sciences

AS Foundational Abilities: Citizens and Society (FA4), Democracy (FA4.1), Ethics and Foundations (FA5)

EN Foundational Abilities: Engagement with Society (FA4)

AS.130.223. Ancient Revolutions: The Archaeology of Culture Change. 3 Credits.

The last 250,000 years have seen many moments that could be referred to as “revolutions” in art, technology, or other aspects of human society. The “Human Revolution” of the Upper Paleolithic saw the birth of artistic ability and symbolic thinking in hominids. We call the transition from hunting and gathering to settled agriculture the “Neolithic Revolution,” while the “Urban Revolution” gave us complex societies and urban life. Times of dynamic change gave rise to important aspects of our shared behavioral and societal identity. They have become the subject not only of much archaeological investigation, but also of popular discourse about the human past. This class will explore famous cultural “revolutions” by looking at the causes and consequences of these important changes. We will evaluate the archaeological evidence, and through it interrogate the term “revolution” itself. What do we mean when we speak of “revolutions?” Are there other ways to think of past social and technological change, and when, if ever, do we truly see “revolutions” in the human condition in the ancient past?

Distribution Area: Humanities

AS.130.245. The Archaeology of Gender in the Ancient Eastern Mediterranean. 3 Credits.

How do art historians and archaeologists recover and study genders and sexualities of ancient people? This writing-intensive seminar looks at texts and objects from ancient Egypt, Assyria, and Greece through the lens of gender and sexuality studies. Beyond exploring concepts of gender in the ancient Eastern Mediterranean, students will also consider how modern scholars have approached, recovered, and written about ancient gender identities. There are no prerequisites for this course.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1)

Writing Intensive

AS.130.247. Digging for Legitimacy Archaeology, Museums, and Ideology. 3 Credits.

Archaeology was born out of Western Colonial endeavors into Africa, the Middle East, Asia, and the Americas. Large scale excavations conducted by the United Kingdom, France, Germany, Italy, and the United States resulted in the removal and transfer of valuable (culturally and monetarily) material culture from local stewards and stakeholders to the West. To this day the discipline of archaeology is still saddled by its colonial past and the Hollywood interpretation of archaeologists as saviors of ancient treasures. Today, most interaction between people and ancient objects is facilitated via the museum. In this course we will explore 19th- 21st century archaeological and museum practices and the role they play in modern narratives of identity and representation in the America and the Middle East. Students will engage with the historical, legal, economic, and ethical implications of archaeology and analyze how political, religious, cultural, and academic institutions have leveraged archaeology and cultural artifacts to reify and legitimize their pursuits and ideologies.

Distribution Area: Humanities

AS.130.353. Space Archaeology: An Introduction to Satellite Remote Sensing, GIS and GPS. 3 Credits.

This course introduces technologies archaeologists use to map ancient landscapes. These include Geographic Information Systems (GIS) mapping software, advanced Global Positioning System (GPS) receivers, and various types of satellite imagery. Taught together with AS.131.653.

Distribution Area: Natural Sciences, Social and Behavioral Sciences

AS Foundational Abilities: Science and Data (FA2), Citizens and Society (FA4)

AS.130.354. Archaeological Method and Theory. 3 Credits.

Climate change, population growth, war - what questions do archaeologists ask about the ancient past, how do they collect relevant evidence, and how do they arrive at satisfying answers to their questions? This course will review major theoretical currents in archaeology including evolutionary, cultural-historical, processual and post-processual approaches and discuss the future of archaeology as a scientific and humanistic discipline. Basic techniques for analyzing major categories of artifacts such as lithics, ceramics, archaeobotanical, and zooarchaeological materials will also be introduced.

Distribution Area: Humanities, Social and Behavioral Sciences

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.130.357. Geographic Information Systems in Archaeology. 3 Credits.

Applications of GIS in archaeology have recently expanded dramatically and GIS has now become an indispensable tool for archaeological research worldwide. This course will introduce the major applications of Geographic Information Systems (GIS) in archaeology. These include the history of GIS in archaeology, air photography and satellite imagery, predictive modeling, hydrological modeling, viewsheds, and least-cost routes. It will grapple with theoretical issues manifest in archaeological GIS including conflicts between environment and social understandings of the ancient past, and will foster discussion of issues that affect outcomes of analyses including spatial scale and boundary delineation choices that can dramatically influence results. Students will learn the basics of ESRI's ArcGIS software. Taught with AS.131.657.

Distribution Area: Humanities, Natural Sciences

AS Foundational Abilities: Science and Data (FA2), Citizens and Society (FA4)

EN Foundational Abilities: Engagement with Society (FA4)

AS.130.364. Archaeology of Arabia. 3 Credits.

This course examines the archaeology of the Arabian Peninsula from the earliest Paleolithic in the region (ca. 1.5 million years ago) through the first millennium of the Islamic era (ca. AD 1600). We will review basic geology and environmental conditions, examine the development of animal herding and crop cultivating lifeways, and study the rise of ancient complex societies and civilizations.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

AS.130.368. Nomads and Empires: Water in the Ancient Near East. 3 Credits.

Water and its histories reveal deep similarities and pivotal differences among human societies that are critical to understanding the human past and our future. Environments are often defined by water availability and periodicity, water is a frequent theme of religious traditions and a common point of political conflict. The hydraulic hypothesis, one of the longest-standing potential explanations for the rise of the world's earliest civilizations, claims that organizational requirements of large-scale irrigation spawned ancient political hierarchies and cities. Archaeologists now know irrigation was not the only factor responsible for the origins of ancient states, but water management was important to agriculture in every region of ancient state formation. This course explores economic and social histories of water in the ancient Near East. It examines water's diverse roles in ancient Mesopotamian, Egyptian, Levantine and South Arabian agriculture, politics, ritual and religion, including water's interconnected significance in Judaism, Christianity, and Islam.

Distribution Area: Humanities

AS.130.376. Ancient Magic and Ritual. 3 Credits.

This course will introduce students to the vast body of rituals that were practiced and performed in antiquity, with a particular emphasis on rituals from ancient Mesopotamia, Egypt, and the Hebrew Bible. In addition to examining rituals from a comparative perspective, anthropological and sociological studies of ritual will be read and discussed to shed light on the social, cultural, and political significance of ritual in the ancient world and beyond.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Citizens and Society (FA4)

Writing Intensive

AS.130.378. Geoarchaeology: Applications of Earth Science to Archaeology. 3 Credits.

Geoarchaeology is a multidisciplinary subfield that applies the tools and techniques of earth science to understand ancient humans and their interactions with environments. This course examines basic topics and concepts, including archaeological site formation, paleo-environmental reconstruction, raw materials and resources, soil science, deposition and erosion of wind and water-borne sediments in different environments such as along rivers, lakes and coastlines, radiocarbon and other chronometric dating methods, and ground-based remote sensing, including ground penetrating radar.

Distribution Area: Natural Sciences, Social and Behavioral Sciences

AS Foundational Abilities: Science and Data (FA2), Citizens and Society (FA4)

AS.130.420. Research Methods: Arts of the Mesopotamian World: Crafters & Consumers. 3 Credits.

This hybrid seminar examines in depth a series of artistic case studies over a 3000 year period in the region of what is today Iraq, Syria, and southeastern Turkey, from c. 3500-500 BCE. Discussion will focus on processes of making and contexts of using myriad forms of art and architecture. Topics will include the invention of writing and complex imagery; portraiture and ritual practice; the symbolic value of materials; visual narration; and the uses of space for expressive purposes. We will approach these and other topics through critical engagement with existing scholarship, as well as by direct study of objects in nearby museum collections.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Projects and Methods (FA6)

Writing Intensive

AS.133.304. Let's Play! Games from Ancient Egypt and Beyond. 3 Credits.

The ancient Egyptians played many games, as we do today. Board games, ball games, games of skill, etc., were not only part of daily life, but also had a role to play in religious practices and beliefs. Although the rules of the games are largely unknown to us, archaeological objects, funerary images, and texts help us to better understand their roles and meanings in ancient Egyptian culture. These various sources also show how games reflect (or contradict) some facets of the organization of the society, and reveal how the ancient Egyptians perceived some aspects of their world - social hierarchy, gender division, representation of death, relationship to chance/fate/divine will, etc. This course will present the evolution of games and play in Ancient Egypt from the 4th millennium BCE, with the first board game discovered in the tomb of a woman, through those deposited in the tomb of Tutankhamun, and up to the Roman period. By replacing the games in their archaeological, historical and cultural contexts, the course is also intended as an original introduction to the civilization of ancient Egypt. The course will consist mainly of lectures given by the professor, with several guest researchers. Examinations will be divided into three parts: two knowledge quizzes during the semester; at the end of the semester, an essay on an Egyptian game of the student's choice.

Distribution Area: Humanities

AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

AS.133.418. Egyptian Art & Material Culture: Principles, Materiality and Challenges. 3 Credits.

This course is dedicated to the study of the art and material culture of ancient Egypt, spanning from the 5th millennium BCE to the Roman period. The objective of the course is to provide students with a comprehensive understanding of Egyptian art, with a focus on materiality, effective methods of description and analysis, and a command of bibliography. It will also enable students to practice two fundamental aspects of their future professional life: presenting a paper at a conference and submitting an article to an academic journal. In the initial sessions, we will examine the fundamental principles and conventions that define Egyptian art. We will then investigate the natural resources available to Egyptian craftsmen and artists, including nature, origin, networks, and uses. We will analyze the production of works of art through several case studies, focusing on materiality. Finally, we will reflect on the presence of Egyptian works of art in museums around the world. Moreover, the course will provide an opportunity for discourse on professional matters pertaining to engagement with Egyptian antiquities and works of art. The course will be structured around: lectures by the professor or by guest researchers, with the students participating in a dialogue with the lecturers; sessions dedicated to discussions of articles to be read (with two/three articles per session); oral presentations by the students, with the aim of reproducing the conditions of a colloquium or conference. These will include formal presentations and question-and-answer sessions, with all students taking part. At the conclusion of the semester, students will be required to submit a paper in connection with the oral presentation they have prepared. This paper will be presented as a scientific article, and the instructor will evaluate it in the same manner as an anonymous referee.

Distribution Area: Humanities

AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3)

EN Foundational Abilities: Creative Expression (FA3)

AS.133.616. Let's Play! Games from Ancient Egypt and Beyond. 3 Credits.

The ancient Egyptians played many games, as we do today. Board games, ball games, games of skill, etc., were not only part of daily life, but also had a role to play in religious practices and beliefs. Although the rules of the games are largely unknown to us, archaeological objects, funerary images, and texts help us to better understand their roles and meanings in ancient Egyptian culture. These various sources also show how games reflect (or contradict) some facets of the organization of the society, and reveal how the ancient Egyptians perceived some aspects of their world - social hierarchy, gender division, representation of death, relationship to chance/fate/divine will, etc. This course will present the evolution of games and play in Ancient Egypt from the 4th millennium BCE, with the first board game discovered in the tomb of a woman, through those deposited in the tomb of Tutankhamun, and up to the Roman period. By replacing the games in their archaeological, historical and cultural contexts, the course is also intended as an original introduction to the civilization of ancient Egypt. The course will consist mainly of lectures given by the professor, with several guest researchers. Examinations will be divided into three parts: two knowledge quizzes during the semester; at the end of the semester, an essay on an Egyptian game of the student's choice.

Distribution Area: Humanities

AS.133.618. Egyptian Art & Material Culture: Principles, Materiality, and Challenges. 3 Credits.

This course is dedicated to the study of the art and material culture of ancient Egypt, spanning from the 5th millennium BCE to the Roman period. The objective of the course is to provide students with a comprehensive understanding of Egyptian art, with a focus on materiality, effective methods of description and analysis, and a command of bibliography. It will also enable students to practice two fundamental aspects of their future professional life: presenting a paper at a conference and submitting an article to an academic journal. In the initial sessions, we will examine the fundamental principles and conventions that define Egyptian art. We will then investigate the natural resources available to Egyptian craftsmen and artists, including nature, origin, networks, and uses. We will analyze the production of works of art through several case studies, focusing on materiality. Finally, we will reflect on the presence of Egyptian works of art in museums around the world. Moreover, the course will provide an opportunity for discourse on professional matters pertaining to engagement with Egyptian antiquities and works of art. The course will be structured around: lectures by the professor or by guest researchers, with the students participating in a dialogue with the lecturers; sessions dedicated to discussions of articles to be read (with two/three articles per session); oral presentations by the students, with the aim of reproducing the conditions of a colloquium or conference. These will include formal presentations and question-and-answer sessions, with all students taking part. At the conclusion of the semester, students will be required to submit a paper in connection with the oral presentation they have prepared. This paper will be presented as a scientific article, and the instructor will evaluate it in the same manner as an anonymous referee. Restricted to: Near Eastern Studies, Museum Studies, History of Art, or Archaeology students.

Distribution Area: Humanities

Program in Museums and Society

AS.389.201. Introduction to the Museum: Past and Present. 3 Credits.

This course surveys museums, from their origins to their most contemporary forms, in the context of broader historical, intellectual, and cultural trends including the social movements of the 20th century. Anthropology, art, history, and science museums are considered. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4)
EN Foundational Abilities: Engagement with Society (FA4)
Writing Intensive

AS.389.250. Introduction to Conservation. 3 Credits.

This course will introduce you to the theoretical and practical underpinnings of the conservation profession: who gets to be a conservator, where we work and how. What are its origins and how has it evolved? At the end of the course you will be able to: outline the different roles and responsibilities of conservators working in museums, libraries/archives and in private practice, situate the field of conservation within the larger cultural heritage sector and articulate the ways conservators contribute to institutional goals of preservation, access, research and learning, evaluate the risks and vulnerabilities faced by conservators in today's society, and apply theoretical knowledge to document and stabilize items from JHU Special Collections. Distribution Area: Humanities
AS Foundational Abilities: Culture and Aesthetics (FA3), Projects and Methods (FA6)
EN Foundational Abilities: Creative Expression (FA3)

AS.389.260. Cultural Heritage in Crisis. 3 Credits.

We explore the possible futures of cultural heritage and museums in times of accelerating climate change, pandemics, armed conflict and political and social turmoil by examining past and contemporary events. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Citizens and Society (FA4), Ethics and Foundations (FA5)

AS.389.280. Of and For Everyone: Diversity, Equity, Inclusion and Access in the Museum. 3 Credits.

How are museums responding to the pressures to be more equitable, inclusive, and accessible towards public audiences and their staff? Students go behind the scenes of the Smithsonian, Baltimore Museum of Industry and Baltimore Museum of Art to meet with working groups and staff charged with transforming their institutions. Includes site visits, hands-on experiences and research on best practices. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Writing and Communication (FA1), Citizens and Society (FA4), Ethics and Foundations (FA5)
Writing Intensive

AS.389.313. Data and the Digital in Museums. 3 Credits.

Digital media play an increasingly significant role in museums from how museums share and narrate their collections online to the use of AI to catalog things and create metadata about them. This class explores critically how digital tools work to tell stories and invites students to unpack the resulting museum narratives. Students will learn by doing, creating a digital exhibit of five museum objects using Omeka and later transforming their exhibits by creating data of their own design to tell a new story about their objects. This new narrative will apply critical perspectives considered in the course such as, but not limited to, repatriation, critical cataloging, and geo-politics. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Writing and Communication (FA1), Culture and Aesthetics (FA3), Projects and Methods (FA6)
EN Foundational Abilities: Creative Expression (FA3)
Writing Intensive

AS.389.315. Ancient Color: The Technologies and Meanings of Color in Antiquity. 3 Credits.

What role did the colorful surfaces of sculptures, vessels and textiles play in the ancient world? We examine historical texts and recent scholarly and scientific publications on the technologies and meanings of color in antiquity, and use imaging and analytical techniques to study polychromed objects from the Johns Hopkins Archaeological Museum. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)

AS.389.420. Curatorial Seminar: European Art. 3 Credits.

Working in collaboration with staff from the Baltimore Museum of Art, students assess the opportunities and challenges of the European collections; research select objects; contribute to the department's collections development plan; and conceptualize new, more global and more inclusive approaches to the displays. Distribution Area: Humanities, Social and Behavioral Sciences
AS Foundational Abilities: Culture and Aesthetics (FA3), Citizens and Society (FA4)
EN Foundational Abilities: Creative Expression (FA3), Engagement with Society (FA4)

For current faculty and contact information go to <http://krieger.jhu.edu/archaeology/faculty-directory/>