Archaeology Undergraduate Major

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 in prehistoric and early historic periods in the Old and New Worlds. 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 and across all social strata.

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.

Requirements for the B.A. Degree

Requirements for the major include 13 courses (39 credits). These can be selected from a diversity of offerings available from different departments. In addition, students must take a core of three courses consisting of Introduction to Archaeology, World Prehistory, and Archaeological Method and Theory.

Core Courses

- **AS.130.110** Introduction To Archaeology 3
- **AS.130.177** World Prehistory 3
- **AS.130.354/AS.131.654** Archaeological Method and Theory 3

Six additional courses in archaeology, both regionally specific and/or methodologically/theoretically advanced 18

- **AS.070.132** Invitation to Anthropology 3
- **AS.070.132** Three additional courses, to be decided in conjunction with the student’s advisor, pertinent to the archaeological issues that the student has concentrated on. (For example, a student interested in Greek archaeology could enroll in Greek history or language courses, or a student interested in gender and archaeology could enroll in courses related to gender studies outside of archaeology). 9

Significant archaeological field experience to be determined in consultation with the student’s faculty advisor.

Total Credits 39

Honors Program

Senior archaeology majors have the option of writing an honors thesis under the supervision of a faculty member, which will count for three credits and is outside the requirements of the major. Successful completion of the thesis will result in the conferring of a B.A. with honors.

For current course information and registration go to https://isis.jhu.edu/classes/

Anthropology

**AS.070.132. Invitation to Anthropology. 3 Credits.**
Is there a distinctive anthropological mode of studying human societies? Examining different kinds of spaces – houses, streets, markets, forests - we learn how human sociality is expressed in and through the way these spaces are constituted. Cross-listed with Humanities Center and PLAS.
Instructor(s): D. Poole; V. Das
Area: Humanities, Social and Behavioral Sciences.

Classics

**AS.040.111. Ancient Greek Civilization: Society, Archaeology, Literature, Philosophy. 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.
Instructor(s): D. Yatromanolakis
Area: Humanities.

**AS.040.112. Roman Civilization. 3 Credits.**
Instructor(s): M. Sullivan
Area: Humanities.

**AS.040.119. The World of Pompeii. 3 Credits.**
This course will focus on the history and archaeology of Pompeii. Close attention will also be paid to the reception of Pompeian materials in European and American culture. Cross-listed with History of Art and the Program in Museums and Society.
Instructor(s): H. Valladares
Area: Humanities.

**AS.040.218. Celebration and Performance in Early Greece. 3 Credits.**
Surviving imagery suggests that early Aegean societies engaged in diverse celebratory performances, including funerals and palatial feasts, puberty rites and ecstatic dance. We investigate archaeological evidence of such celebrations, focusing on sociocultural roles, bodily experience, and interpretive challenges.
Instructor(s): E. Anderson
Area: Humanities Writing Intensive.

**AS.040.221. The Archaeology of Early Greece. 3 Credits.**
This course explores the origins and rise of Greek civilization 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.
Instructor(s): E. Anderson
Area: Humanities.

**AS.040.320. Myth In Classical Art. 3 Credits.**
Instructor(s): A. Shapiro
Area: Humanities.
**AS.040.359. Making Identities: How Archaeology Constructs People in the Past and Present. 3 Credits.**
Archaeology both examines the identities of people in the past and helps construct those in the present. In this course we will explore how aspects of our own lives (political, religious, cultural, etc.) are influenced by our notions of the past and the people who populated it, and how our modern identities in turn influence the way we understand past people.
Instructor(s): E. Anderson
Area: Humanities, Social and Behavioral Sciences.
Graduate courses that may be taken with permission of the instructor.

**Geography and Environmental 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.
Instructor(s): E. Schoenberger
Area: Humanities, Social and Behavioral Sciences Writing Intensive.

**EN.570.423. Principles of Geomorphology. 4 Credits.**
Analysis of the factors responsible for the form of the landscape. The concept of the cycle of erosion is discussed primarily in terms of the principles that govern the processes of erosion. Climate, conditions of soil formation, and the distribution of vegetation are considered as they relate to the development of landforms. Recommended Course Background: AS.270.220 or permission required.
Instructor(s): P. Wilcock
Area: Natural Sciences.

**History**

**AS.100.470. Monuments and Memory In Asian History. 3 Credits.**
Instructor(s): T. Meyer-Fong
Area: Humanities, Social and Behavioral Sciences Writing Intensive.

**History of Art**

**AS.010.105. Art of the Ancient Americas. 3 Credits.**
Surveys the art of Olmec, West Mexico, Teotihuacan, Maya, and Aztec.
Instructor(s): L. DeLeonardis
Area: Humanities.

**AS.010.334. Problems in Ancient American Art. 3 Credits.**
Selected topics which may include collecting the pre-Columbian past and connoisseurship, the formation of national museums, post-Columbian appropriations. Collections study in museums. May also be used toward credit for the Archaeology major. Cross-listed with PLAS and Program in Museum and Society
Instructor(s): L. DeLeonardis
Area: Humanities
Writing Intensive.

**AS.010.336. Hellenistic Art. 3 Credits.**
Surveys painting, sculpture, and architecture after the fall of the Classical period in Greece (4th c. BC), assess their spread throughout the Mediterranean world, and will conclude with the role these artworks played on the rising dominance of Rome in the 1st c. BC.
Area: Humanities.

**AS.010.355. Art and Religion in the Roman World. 3 Credits.**
This course explores the relationships between Roman art and religion through a survey of key topics and issues, from the archaic period to late antiquity, providing an introduction into how to use and analyze both textual and material evidence as sources for understanding Roman society. Temples, altars, public and private buildings, reliefs, statues, sarcophagi, paintings, mosaics, coins, metal-ware, glass and pottery, all get increasingly complex and interesting as the Roman world developed and are important forms of evidence for political, intellectual, social and economical life.
Instructor(s): P. Tucci
Area: Humanities.

**AS.010.365. Art of the Ancient Andes. 3 Credits.**
Course surveys the visual arts of Andean South America and includes discussion of royal Inka tunics, Nasca death imagery and the gold sculptural traditions of Colombia.
Instructor(s): L. DeLeonardis
Area: Humanities.

**AS.010.398. Tombs for the Living. 3 Credits.**
Centering on the tomb as a unit of analysis, this course examines how death and funerary ritual reflect the cultural values of the living and are an active force in shaping them. Drawing on case studies from Mesoamerica and the Andes we consider various approaches to entombment and funerary ritual.
Instructor(s): L. DeLeonardis
Area: Humanities Writing Intensive.

**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 Colombia, Peru, Hispaniola and Panama. Collections study in museums. May also be used as credit toward the Archaeology major. Cross-listed with PLAS
Instructor(s): L. DeLeonardis
Area: Humanities.

**AS.010.718. Art and Architecture in the Augustan Age.**
This seminar investigates Roman art and architecture during the Augustan age (31 BC - AD 14), in Rome and in the provinces of the empire. Augustus’ cultural program influenced any aspects of the Roman way of life (religious ritual, clothing, state ceremony), leading to the creation of a new visual language that expressed and furthered the transformation of Roman society. Methodologically the focus will be on the integration of diverse sources (archaeological evidence, architecture, sculpture, mosaic, painting) to reconstruct and discuss the images that a contemporary would have experienced in Rome and elsewhere.
Instructor(s): P. Tucci.
Near Eastern Studies

AS.130.101. Ancient Near 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.
Instructor(s): G. Schwartz
Area: Humanities.

AS.130.102. From the Neanderthals to the Neolithic. 3 Credits.
Emphasizing theories about human biological and cultural development, this course consists of an in-depth survey of Neanderthal morphology and culture, a brief discussion of evolutionary theory and our fossil ancestors, and concludes with an exploration of the mechanisms and results of the shift from hunting and gathering to farming. (Course formerly known as Introduction: Human Prehistory.) Cross-listed with Anthropology.
Instructor(s): S. McCarter
Area: Humanities.

AS.130.110. 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. Cross-listed with Anthropology.
Instructor(s): G. Schwartz
Area: Humanities, Social and Behavioral Sciences.

AS.130.135. Pyramids, Temples and Tombs. 3 Credits.
Introduction to the monuments and culture of Egypt from 3500 B.C. to 100 A.D. From the pyramids at Giza to Hellenistic Alexandria, this course surveys in slide illustrated lectures the remains of one of the world's greatest early cultures.
Instructor(s): B. Bryan
Area: Humanities
Writing Intensive.

AS.130.177. World Prehistory. 3 Credits.
An introduction to the archaeology of pre- and protohistoric cultures in key regions of the world, from the Neolithic revolution to the rise of complex societies. Discussions will focus on how they interacted with their neighbors, how this interaction would have played a part in their development, and the different approaches archaeologists use to understand their interconnections. Regions to be examined include the Near East, the Aegean, East Africa, East Asia, the Andes, and Central America. Cross-listed with Anthropology.
Instructor(s): M. Harrower
Area: Humanities, Social and Behavioral Sciences.

AS.130.251. Made for the Gods: Votive Egyptian Objects in the Archaeological Museum. 3 Credits.
This course investigates Egyptian votive objects made as gifts to the Gods. Students will learn about Egyptian religious practices and study groups of objects in the Archaeological Museum to learn to identify how they were produced, when, and for what functions. Physical analyses of the objects will be part of the class and facilitated by museum staff.
Instructor(s): B. Bryan
Area: Humanities.
AS.130.351. The Emergence of Civilization: A Cross-Cultural Examination. 3 Credits.
A comparative study of the origins of urban, literate civilizations in five culture areas: Mesopotamia, China, the Indus Valley, Egypt, and Mesoamerica. For each area, we will review the physical setting, the archaeological and textual evidence for the development of states and urban civilization, and theories advanced to explain the rise (and eventual collapse) of these complex societies.
Instructor(s): G. Schwartz
Area: Humanities, Social and Behavioral Sciences.

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.
Instructor(s): M. Harrower
Area: Humanities, Natural Sciences, Social and Behavioral Sciences.

AS.130.354. Archaeological Method and Theory. 3 Credits.
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 approaches to method and theory including evolutionary archaeology, culture-historical archaeology, processualist and post-processualist archaeologies, and explores the future of archaeology as a scientific and humanistic discipline. Previous coursework in archaeology or Permission of instructor required. Meets with AS.131.654.
Instructor(s): M. Harrower
Area: Humanities, Social and Behavioral Sciences.

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.
Instructor(s): M. Harrower
Area: Humanities, Natural Sciences.

AS.131.800. Readings & Research.
Instructor(s): Staff.

AS.389.205. Examining Archaeological Objects. 3 Credits.
This course considers the role of materials in the production, study and interpretation of objects by examining artifacts from the Johns Hopkins Archaeological Museum. Students will consider materials such as ceramics, stone, metal, glass, wood and textiles, and visit artists’ studios to gain an understanding of historical manufacturing processes. M&S practicum course. Cross-listed with Archaeology, Near Eastern Studies, Classics, and History of Art.
Instructor(s): S. Balachandran
Area: Humanities.

AS.389.340. Critical Issues in Art Conservation. 3 Credits.
The course examines recent controversies in the conservation of major global art works and sites, raising questions concerning the major theoretical assumptions, practical methods and ethical implications of art conservation. Cross-Listed with History of Art and Anthropology.
Instructor(s): S. Balachandran
Area: Humanities.

AS.389.342. Objects in Focus: Materials, Techniques, History. 3 Credits.
What can art and archaeological objects reveal about materials, their craftsmanship and preservation? We investigate artists’ treatises, visit studios and museum conservation laboratories and closely examine artworks. M&S practicum course. Cross-listed with Classics, History of Art, Near Eastern Studies.
Area: Humanities.

Graduate Courses that may be taken with permission of the instructor:

Topic varies but can include the archaeology of Mesopotamia, Syria, or Palestine, or thematic discussions (e.g., on ideology, state collapse, etc.).
Instructor(s): G. Schwartz.

AS.131.635. Seminar: Near East Archaeology.
Topic varies but can include the archaeology of Mesopotamia, Syria, or Palestine, or thematic discussions (e.g., on ideology, state collapse, etc.).
Instructor(s): G. Schwartz; M. Feldman.

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 approaches to method and theory including evolutionary archaeology, culture-historical archaeology, processualist and post-processualist archaeologies, and explores the future of archaeology as a scientific and humanistic discipline. Previous coursework in archaeology or Permission of instructor required. Meets with AS.130.354.
Instructor(s): M. Harrower
Area: Humanities, Social and Behavioral Sciences.

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.130.357.
Instructor(s): M. Harrower
Area: Humanities, Social and Behavioral Sciences.

AS.133.721. Egyptian Art of the Old thru Middle Kingdom.
Instructor(s): B. Bryan.
AS.133.750. Seminar in Egyptian Art and Archaeology.
The theme for this course will be archaeology of the Mut precinct in Luxor where Johns Hopkins is excavating. Study of the comparative materials from other sites will be central with the publication of the work approaching. 
Instructor(s): B. Bryan.

AS.133.751. Seminar in Egyptian Art and Archaeology:
Archaeology of Ancient Thebes: Environment and Response. 
Instructor(s): B. Bryan.

AS.389.205. Examining Archaeological Objects. 3 Credits. 
This course considers the role of materials in the production, study and interpretation of objects by examining artifacts from the Johns Hopkins Archaeological Museum. Students will consider materials such as ceramics, stone, metal, glass, wood and textiles, and visit artists’ studios to gain an understanding of historical manufacturing processes. M&S practicum course. Cross-listed with Archaeology, Near Eastern Studies, Classics, and History of Art. 
Instructor(s): S. Balachandran
Area: Humanities.

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

Faculty
Co-Director
Glenn Schwartz
Whiting Professor of Archaeology (Near Eastern Studies): Near Eastern archaeology, archaeological method and theory.

H. Alan Shapiro
W. H. Collins Vickers Professor of Archaeology (Classics): Greek and Roman art and archaeology.

Professors
Betsy Bryan
Alexander Badawy Chair in Egyptian Art and Archaeology (Near Eastern Studies): Egyptian archaeology and art.

Lisa de Leonardis
Austen-Stokes Professor (History of Art): art and archaeology of the ancient Americas.

Matthew Roller
(Classics): Roman material culture and history.

Assistant Professors
Michael Harower

Pier-Luigi Tucci
(History of Art): Roman art and archaeology.

Hérica Valladares
(Classics): Roman art and archaeology.