

ARCHAEOLOGY

Courses offered by the Archaeology Program are listed under the subject code ARCHLGY on the Stanford Bulletin's ExploreCourses web site.

Archaeology is the study of the past through its material remains that survive into the present. Archaeology is a discipline that offers direct access to the experiences of a wide range of people in numerous cultures across the globe. Increasingly, archaeology bridges past and present societies through the study of the human heritage and its role in contemporary societies. Stanford's Archaeology Program provides students with an interdisciplinary approach to the material remains of past societies, drawing in equal parts on the humanities, social sciences, and natural sciences.

The Archaeology curriculum draws on faculty from a wide range of University departments and schools. To complete the requirements for the major, students must take courses from the offerings of the program and from the listings of other University departments. The program culminates in a Bachelor of Arts (B.A.) in Archaeology.

Mission of the Undergraduate Program in Archaeology

The mission of the undergraduate program in Archaeology is to provide students with a broad and rigorous introduction to the analysis of the material culture of past societies, drawing on the questions and methods of the humanities, social sciences, and natural sciences. Students in the major learn to relate these analyses to the practice of archaeology in the contemporary world. The program seeks to help each student achieve a high level of understanding through concentrated study of a particular research area. Courses in the major complete a comprehensive curriculum that draws on faculty from a wide range of University departments and programs. Archaeology majors are well prepared for advanced training in professional schools such as education, law, and journalism and, depending upon their choice of upper-division course, graduate programs in the humanities, social sciences, and natural sciences.

Learning Outcomes (Undergraduate)

The department expects undergraduate majors in the program to be able to demonstrate the following learning outcomes. These learning outcomes are used in evaluating students and the department's undergraduate program. Students are expected to:

1. demonstrate an understanding of core knowledge of the history of thought and basic theoretical foundations in archaeology.
2. write clearly and persuasively, communicating ideas about archaeology to multiple audiences and different communities, from the scholarly and to the general public in a variety of formats.
3. learn about the development of archaeology as a discipline and the major trends that have influenced thinking and writing about archaeology today.
4. demonstrate their mastery of the broad historical and theoretical trends in the field through critique of research within archaeology.

Bachelor of Arts in Archaeology

To declare a major in Archaeology, students should apply for the B.A. in Archaeology on Axess and contact the student services specialist, who provides an application form, answers initial questions, and helps the student choose a faculty adviser. Students should declare by the beginning of their junior year.

All majors must complete 65 units with an overall minimum grade of 'C', which must form a coherent program of study and be approved by the student's faculty adviser and the program director.

Students who plan to pursue graduate work in Archaeology should be aware of the admission requirements of the particular departments to which they intend to apply. These vary greatly. Early planning is advisable to guarantee completion of major and graduate school requirements.

Degree Requirements

The B.A. in Archaeology requires a minimum of 65 units in the major, with an overall minimum grade of 'C', and no more than 10 units may be taken for pass/no pass credit. The major requirements are divided among five components. A course may only be used once to fulfill a component.

1. Core Courses

	Units
20 units must be taken for a letter grade (minimum passing grade of 'B')	
ARCHLGY 1	Introduction to Archaeology (Gateway) 5
ARCHLGY 102	Archaeological Methods (Intermediate) 5
ARCHLGY 103	History of Archaeological Thought (Intermediate) 5
ARCHLGY 107A	Archaeology as a Profession (Capstone) 5
Total Units	20

ARCHLGY 1 Introduction to Archaeology is recommended as a first course. Many upper-level courses in Archaeology require this course as a prerequisite. Students should normally take the capstone course in their final year of course work in the major.

2. Analytical Methods and Skills (15 units)

Quantitative skills and computing ability are indispensable to archaeologists. To fulfill the analytical methods and skills requirements, students must take one statistics course, and may choose to fulfill the remainder of the unit requirements with a variety of courses on archaeological skills and methods. Archaeological skills include archaeological formation processes, botanical analysis, cartography, ceramic analysis, dating methods, faunal analysis, geographic information systems, geology, geophysics, genetics, osteology, remote sensing, soil chemistry, and statistics. With the approval of the instructor and Archaeology director, undergraduates may fulfill part of this requirement from graduate-level courses (typically courses with catalog numbers of 200 or higher).

	Units
Select one of the following:	
PSYCH 10/ STATS 60	Introduction to Statistical Methods: Precalculus 5
ECON 102A	Introduction to Statistical Methods (Postcalculus) for Social Scientists
Fulfill the remainder of your methods and skills requirements by choosing from the following courses:	
ARCHLGY 21Q	Eight Great Archaeological Sites in Europe
ARCHLGY 115	The Social life of Human Bones
ARCHLGY 119	Zooarchaeology: An Introduction to Faunal Remains
ARCHLGY 124	Archaeology of Food: production, consumption and ritual
ARCHLGY 125	Archaeological Field Survey Methods
ARCHLGY 126	Archaeobotany
ARCHLGY 134	Museum Cultures: Material Representation in the Past and Present
ANTHRO 98B	Digital Methods in Archaeology

ANTHRO 175	Human Skeletal Anatomy	
Total Units		15

3. Theory (at least 10 units)

Topics include archaeological, art-historical, sociocultural, historical, and material culture theory. With the approval of the instructor, undergraduates may fulfill part of this requirement from graduate-level courses (typically courses with catalog numbers of 200 or higher).

		Units
ANTHRO 34	Animals and Us	5
ANTHRO 90B	Theory of Cultural and Social Anthropology	5
ANTHRO 113	Culture and Epigenetics: Towards A Non-Darwinian Synthesis	4-5
ARCHLGY 151	Ten Things: An Archaeology of Design	3
ARCHLGY 156	Design of Cities	3-5

4. Electives (20 units)

Select from any of the courses listed below. Courses are arranged around a regional or thematic focus, and therefore, may appear more than once. Students have the option of taking courses around a theme or concentration, and are encouraged to do so by consulting with their faculty adviser(s) to design a course plan. Courses other than those on this list can be used to fulfill this requirement with prior approval of the student's faculty adviser and program director. With the approval of instructor, undergraduates may fulfill part of this requirement from graduate-level courses, typically courses numbered 200 or higher.

• World Archaeology: Mediterranean

		Units
ARCHLGY 118	Engineering the Roman Empire	4-5
ARCHLGY 145	Sailing the Wine-Dark Sea: Maritime Archaeology of the Ancient Mediterranean	3
ARCHLGY 165	Roman Gladiators	3-5
CLASSICS 51		3-5
CLASSICS 52	Introduction to Roman Archaeology	3-5

• World Archaeology: Americas

		Units
ARCHLGY 65	Looking out from California: Introduction to North American Prehistoric Archaeology	3-5
ARCHLGY 102B	Incas and their Ancestors: Peruvian Archaeology	3-5
ANTHRO 30Q	The Big Shift	4

• World Archaeology: Asia

		Units
ARCHLGY 111	Emergence of Chinese Civilization from Caves to Palaces	3-4
ARCHLGY 135	Constructing National History in East Asian Archaeology	3-5
CHINA 118		

• Heritage

		Units
ARCHLGY 80	Heritage and Human Rights	3-5
ARCHLGY 135	Constructing National History in East Asian Archaeology	3-5

ANTHRO 112	Public Archaeology: Market Street Chinatown Archaeology Project	4-5
ANTHRO 112B	Advanced Study in Public Archaeology	2-5

• Urbanism and Cities

		Units
ANTHRO 112	Public Archaeology: Market Street Chinatown Archaeology Project	5
ANTHRO 112B	Advanced Study in Public Archaeology	2-5

5. Archaeological Fieldwork

Students must take part in a Stanford Archaeology Center field project directed by a Stanford faculty member, and enroll in any coursework that is required for participation in the field project. Projects are typically offered during summer months and funding may be provided. In 2018, field schools were located in: Peru, Mauritius, and Italy.

6. Collateral Language Requirement

All Archaeology majors must demonstrate competence in a foreign language beyond the first-year level. Students can meet this requirement by completing a course beyond the first-year level with a grade of 'B' or better, and are encouraged to choose a language that has relevance to their archaeological region or topic of interest. Students may petition to take an introductory-level course in a second language to fulfill this requirement by demonstrating the connection between the language(s) and their research interest(s).

7. Research and Independent Study

Students may count up to 5 units of research and independent study toward the Archaeology major:

		Units
including but not limited to:		
ARCHLGY 190	Archaeology Directed Reading/Independent Study	1-5
ARCHLGY 195	Independent Study/Research	1-5
ARCHLGY 199	Honors Independent Study	5

Honors Program

The honors program in Archaeology gives qualified majors the chance to work closely with faculty on an individual research project culminating in an honors thesis. Students may begin honors research from a number of starting points, including topics introduced in the core or upper-division courses, independent interests, research on artifacts in Stanford's collections, or fieldwork experiences.

Interested Archaeology majors of junior standing may apply for admission by submitting an honors application form, including a 4-5 page statement of the project, a transcript, and a letter of recommendation from the faculty member supervising the honors thesis to the student services specialist, no later than the end of the fourth week of the Spring Quarter. Archaeology majors are eligible to apply for honors candidacy. The thesis is due in early May of the senior year and is read by the candidate's adviser and a second reader appointed by the undergraduate committee.

Overseas Studies Courses in Archaeology

For course descriptions and additional offerings, see the listings in the Stanford Bulletin's ExploreCourses (<http://explorecourses.stanford.edu>) web site or the Bing Overseas Studies (<http://bosp.stanford.edu>) web site. Students should consult their department or program's student services office for applicability of Overseas Studies courses to a major or minor program.

Minor in Archaeology

A minor in Archaeology provides an introduction to the study of the material cultures of past societies. It can complement many majors, including but not limited to Anthropology, Applied Physics, Art and Art History, Classics, Earth Systems, Geological and Environmental Sciences, History, and Religious Studies.

Students must complete the declaration process, including the planning form submission and Axxess registration, by the last day of the quarter, two quarters prior to degree conferral; for example, by the last day of Autumn Quarter if Spring graduation is the intended quarter of graduation.

Requirements

To minor in Archaeology, students must complete at least 27 units of relevant course work, including:

1. Core Program (10 units)

		Units
ARCHLGY 1	Introduction to Archaeology (Gateway Course, Required)	3-5
ARCHLGY 103	History of Archaeological Thought	5
ARCHLGY 107A	Archaeology as a Profession	5

is recommended as a first course, and many of the upper-level courses in Archaeology require this course as a prerequisite. Students have the option to take ARCHLGY 103 History of Archaeological Thought or ARCHLGY 107A Archaeology as a Profession to fulfill the rest of the 10 unit core requirement for the minor.

2. Archaeological Skills (2-5 units)

Archaeological skills include dating methods, faunal analysis, botanical analysis, ceramic analysis, geology, geophysics, soil chemistry, remote sensing, osteology, genetics, statistics, cartography, and geographic information systems. The course(s) must be chosen from the list of courses under Archaeological Skills (requirement 3) in the Bachelor's tab of this section.

3. Theory (5 units)

Topics include archaeological, art historical, sociocultural, historical, and material culture theory. The course(s) must be chosen from the list of courses under Theory (requirement 4) in the Bachelor's tab of this section.

4. Electives (10 units)

Select courses from the list of courses under Electives (requirement 5) in the Bachelor's tab of this section. Students have the option of taking courses around a theme or concentration, and are encouraged to do so by consulting their faculty advisers to design a course plan.

Archaeology is an interdisciplinary program. Students should meet with their adviser about degree requirements and the applicability of courses from other University departments to the Archaeology major or minor. Applicable courses are commonly found in Anthropology (ANTHRO), Classics (CLASSICS), and East Asian Languages and Cultures (EALC), but are not limited to these departments. Please check with your adviser and the program director for course approvals.

Director: Ian Hodder (Anthropology)

Department Faculty:

Professors: Ian Hodder (Anthropology), Li Liu (East Asian Languages and Cultures), Gail Mahood (Geological Sciences), Lynn Meskell (Anthropology), Ian Morris (Classics), Michael Shanks (Classics)

Associate Professors: Giovanna Ceserani (Classics), Jody Maxmin (Art and Art History, Classics), John Rick (Anthropology), Jennifer Trimble (Classics), Barbara Voss (Anthropology)

Assistant Professors: Andrew Bauer (Anthropology), Justin Leidwanger (Classics, on leave), Krish Seetah (Anthropology)

Associated Faculty: Christina Hodge (Academic Curator & Collections Manager), Laura Jones (Campus Archaeologist)

Postdoctoral Fellows: Maureece Levin (Archaeological Science), Elisabeth Niklasson (Heritage)

Affiliated Faculty:

Professors: Rob Dunbar (Earth Sciences), Mark Lewis (Chinese Culture, Religious Studies), J. Moldowan (Geological and Environmental Sciences), Amos Nur (Earth Sciences), Peter Vitousek (Earth System Science)

Associate Professors: Paulla Ebron (Anthropology), James A. Fox (Anthropology, Iberian and Latin American Cultures, Linguistics, on leave A), Grant Parker (Classics)

Staff: Apurva Mehta (SLAC National Accelerator Laboratory)

Overseas Studies Courses in Archaeology

The Bing Overseas Studies Program (<http://bosp.stanford.edu>) manages Stanford study abroad programs for Stanford undergraduates. Students should consult their department or program's student services office for applicability of Overseas Studies courses to a major or minor program.

The Bing Overseas Studies course search site (<https://undergrad.stanford.edu/programs/bosp/explore/search-courses>) displays courses, locations, and quarters relevant to specific majors.

For course descriptions and additional offerings, see the listings in the Stanford Bulletin's ExploreCourses (<http://explorecourses.stanford.edu>) or Bing Overseas Studies (<http://bosp.stanford.edu>).

		Units
OSPCPTWN 16	Sites of Memory	2
OSPCPTWN 36	The Archaeology of Southern African Hunter Gatherers	4
OSPAUSTL 40	Australian Studies: History, Society and Culture Down Under	3