Archaeology, Certificate

Ancient history is a puzzle made up of innumerable fragments—pieces of bone, pottery, stone, and metal; remnants of architecture and monuments; residues of food; and traces of other things. Archaeology is the field of study that provides the tools to discover these fragments and piece them together to reconstruct a picture of the ancient world and to illuminate the stories of past peoples. An accurate understanding of the past is critical for developing a better present and future.

The archaeology certificate is designed to help students obtain a global and interdisciplinary perspective on archaeology and human culture and to gain many of the skills needed to analyze archaeological materials and conduct archaeological field investigations. Through their participation in the archaeology certificate program, students acquire an understanding of how past societies in different regions of the world have successfully or, in many cases, unsuccessfully dealt with adaptation to their environment and interaction with other communities. Students also gain a better appreciation of the diversity of human culture and increased respect for the differences that have resulted from millennia of social, economic, political and ideological developments. Students are able to explore the origins of subsistence strategies, trade, technology, belief systems, and conflict that are still relevant to our modern world, as well as ever changing global economic and political situations.

The archaeology certificate provides an interdisciplinary linkage among courses in several departments and stimulates students to think about similar topics from different academic and theoretical perspectives. Through the curriculum, students get training specific to archaeology. In addition to providing students with a mechanism for developing an understanding of archaeology in its broadest sense, the certificate provides a strong intellectual foundation and skills for future careers in archaeology and related fields. Students who successfully complete the certificate, along with a B.A. or B.S. degree from UW–Madison, improve their competitiveness in graduate school applications and, more importantly, have documentation that they are qualified for entry-level employment opportunities in archaeology.

For further information on the archaeology certificate, including a list of core faculty, please see the Department of Anthropology website (http://www.anthropology.wisc.edu/for-undergraduates/the-certificate-in-archaeology).

How to Get In

Students wishing to declare an archaeology certificate should go to the Department of Anthropology, 5240 William H. Sewell Social Science Building. The telephone number for the department is 608-262-2866.

Requirements

7 Courses and 21 Credits

Credits must be distributed in at least three SUBJECTs, and must meet these requirements:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANTHRO 102</td>
<td>Archaeology and the Prehistoric World</td>
<td></td>
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<tr>
<td>ANTHRO 105</td>
<td>Principles of Biological Anthropology</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 212</td>
<td>Principles of Archaeology</td>
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<tr>
<th>Code</th>
<th>Title</th>
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<tbody>
<tr>
<td>ANTHRO 309</td>
<td>Prehistoric Europe</td>
<td></td>
</tr>
<tr>
<td>ANTHRO 310</td>
<td>Topics in Archaeology</td>
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<tr>
<td>ANTHRO 321</td>
<td>The Emergence of Human Culture</td>
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<tr>
<td>ANTHRO 322</td>
<td>The Origins of Civilization</td>
<td></td>
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<tr>
<td>ANTHRO 333</td>
<td>Prehistory of Africa</td>
<td></td>
</tr>
<tr>
<td>ANTHRO/ AMER IND 354</td>
<td>Archaeology of Wisconsin</td>
<td></td>
</tr>
<tr>
<td>ANTHRO/ AMER IND 355</td>
<td>Archaeology of Eastern North America</td>
<td></td>
</tr>
<tr>
<td>ART HIST/ CLASSICS 300</td>
<td>The Art and Archaeology of Ancient Greece</td>
<td></td>
</tr>
<tr>
<td>ART HIST/ CLASSICS 304</td>
<td>The Art and Archaeology of Ancient Rome</td>
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<tr>
<td>ART HIST 305</td>
<td>History of Islamic Art and Architecture</td>
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<td>ART HIST 307</td>
<td>Early Chinese Art: From Antiquity to the Tenth Century</td>
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<td>ART HIST 390</td>
<td>Pre-Columbian Art</td>
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<td>ART HIST 405</td>
<td>Cities and Sanctuaries of Ancient Greece</td>
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<td>ART HIST 600</td>
<td>Special Topics in Art History</td>
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<tr>
<td>CLASSICS/ JEWISH 241</td>
<td>Introduction to Biblical Archaeology</td>
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<tr>
<td>CLASSICS 320</td>
<td>The Greeks</td>
<td></td>
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<tr>
<td>CLASSICS 322</td>
<td>The Romans</td>
<td></td>
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<tr>
<td>CLASSICS 379</td>
<td>Eureka! Technology and Practice in the Ancient World</td>
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<tr>
<td>CLASSICS/ JEWISH 452</td>
<td>Biblical Archaeology</td>
<td></td>
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<tr>
<td>CLASSICS 602</td>
<td>The Ancient Mediterranean City</td>
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<tr>
<td>HISTORY 303</td>
<td>A History of Greek Civilization</td>
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<tr>
<td>HISTORY 307</td>
<td>A History of Rome</td>
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<tr>
<td>HISTORY/ MEDIEVAL 313</td>
<td>Introduction to Byzantine History and Civilization</td>
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<tr>
<td>HISTORY 377</td>
<td>History of Africa, 1500 to 1870</td>
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1 Must be an archaeology topic.

Methods

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTHRO 302</td>
<td>Hominoid Evolution</td>
<td></td>
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<tr>
<td>ANTHRO 303</td>
<td>Human Skeletal Anatomy</td>
<td></td>
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<tr>
<td>ANTHRO 311</td>
<td>Archaeological Chemistry</td>
<td></td>
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<tr>
<td>ANTHRO 352</td>
<td>Ancient Technology and Invention</td>
<td></td>
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</tbody>
</table>
Field course
Code | Title | Credits
--- | --- | ---
ANTHRO 370 | Field Course in Archaeology | 3-6
Total Credits | | 3-6

Capstone
**Code** | **Title** | **Credits**
--- | --- | ---
Choose from:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ANTHRO 352</td>
<td>Ancient Technology and Invention</td>
<td>2</td>
</tr>
<tr>
<td>ANTHRO 490</td>
<td>Undergraduate Seminar</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td></td>
<td>3-4</td>
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</tbody>
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2. ANTHRO 352 can count either for a methods course or for the capstone course, but not both.

3. ANTHRO 490 is a Topics course. In order to meet the capstone requirement, it must be on an archaeology topic.

RESIDENCE AND QUALITY OF WORK

2.000 GPA on all certificate-approved courses 11 credits in the certificate, in residence

Pass/fail courses do not apply to the certificate.

UNDERGRADUATE/SPECIAL STUDENT CERTIFICATE

This certificate is intended to be completed in the context of an undergraduate degree and for those seeking this certificate that is preferred. For students who have substantially completed this certificate at UW–Madison (at least 12 credits) and may need one or two courses to complete the certificate, they may do so immediately after completion of the bachelor’s degree by enrolling in the course as a University Special (nondegree) student. The certificate must be completed within a year of completion of the bachelor’s degree. Students should keep in mind that University Special students have the last registration priority and that may limit availability of desired courses. Financial aid is not available when enrolled as a University Special student to complete an undergraduate certificate.

LEARNING OUTCOMES

1. acquire specialized training in archaeological research, which may include: obtaining basic knowledge of and skills in observational methods and recording of information for a variety of lines of archaeological evidence, putting these abilities into practice in the classroom and outside of the classroom, developing research questions and the analytical skills necessary to address them, strengthening archaeological interpretations through critical thinking and reference to empirical evidence, gaining experience in considering a problem, synthesizing information from disparate sources, and evaluating contrasting arguments, being able to distinguish between empirical research and speculation, communicating archaeological findings through written and oral expression.

2. obtain comparative global knowledge of archaeology, material culture, and the evolution of people’s relationships with the physical world.

3. become aware of the ethical practice of archaeology and heritage preservation.

4. synthesize information relevant to archaeological research across multiple disciplines.
5. gain an appreciation of cultural diversity through time and space.

**ADVISING AND CAREERS**

Students wishing to receive advising for the archaeology certificate should go to the Department of Anthropology, 5240 William H. Sewell Social Science Building. The telephone number for the department is 608-262-2866.

**PEOPLE**

**FACULTY**

- Katherine Bowie (http://www.anthropology.wisc.edu/staff/bowie-katherine)
  Cultural anthropology, Southeast Asia, Thailand
- Henry T. Bunn (http://www.anthropology.wisc.edu/staff/bunn-henry)
  Archaeology, emergence of culture, behavioral ecology, East Africa
- Jerome Camal (http://www.anthropology.wisc.edu/staff/camal-jerome)
  Cultural anthropology, ethnomusicology, Caribbean
- Sarah Clayton (http://www.anthropology.wisc.edu/staff/clayton-sarah)
  Archaeology, Mesoamerica, Teotihuacan
- Falina Enriquez (http://www.anthropology.wisc.edu/staff/enriquez-falina)
  Cultural anthropology, ethnomusicology, Brazil
- John Hawks (http://www.anthropology.wisc.edu/staff/hawks-john)
  Biological anthropology, paleoanthropology, anthropological genomics, South Africa
- J. Mark Kenoyer (http://www.anthropology.wisc.edu/staff/kenoyer-j-mark)
  Archaeology, South Asia, Harappa, craft production
- Nam C. Kim (http://www.anthropology.wisc.edu/staff/kim-nam-c)
  Archaeology, Southeast Asia, Vietnam, complex societies, warfare
- Maria Lepowsky (http://www.anthropology.wisc.edu/staff/lepowsky-maria)
  Cultural anthropology, medical anthropology, Oceania
- Richard McFarland (http://www.anthropology.wisc.edu/staff/mcfarland-richard)
  Biological anthropology, primatology, behavioral ecology
- Larry Nesper (http://www.anthropology.wisc.edu/staff/nesper-larry)
  Cultural anthropology, legal anthropology, North America, Wisconsin
- Emiko Ohnuki-Tierney (http://www.anthropology.wisc.edu/staff/ohnuki-tierney-emiko)
  Cultural anthropology, East Asia, Japan
- Travis Pickering (http://www.anthropology.wisc.edu/staff/pickering-travis)
  Biological anthropology, taphonomy, South Africa
- Sissel Schroeder (http://www.anthropology.wisc.edu/staff/schroeder-sissel)
  Archaeology, historical ecology, Eastern North America, complex societies
- Amy Stambach (http://www.anthropology.wisc.edu/staff/stambach-amy)
  Cultural anthropology, East Africa
- Karen Strier (http://www.anthropology.wisc.edu/staff/strier-karen)
  Biological anthropology, primatology, behavioral ecology, Brazil
- Claire Wendland (http://www.anthropology.wisc.edu/staff/wendland-claire)
  Cultural anthropology, medical anthropology, Africa, Malawi
- Zhou Yongming (http://www.anthropology.wisc.edu/staff/zhou-yongming)
  Cultural anthropology, East Asia, China, development

**ACADEMIC STAFF**

- Elizabeth Leith (https://www.anthropology.wisc.edu/staff/leith-elizabeth), Senior Academic Curator
  Museum anthropology, protohistoric, European trade, historical archaeology

**AFFILIATE FACULTY**

- William Aylward (http://canes.wisc.edu/aylward-william.htm)
- Bruce Barrett (http://www.fammed.wisc.edu/directory/327)
- Nicholas Cahill (http://arthistory.wisc.edu/nicholas-cahill-biography.htm)
- Jane Collins (http://dces.wisc.edu/people/faculty/jane-collins)
- Linda Hogle (http://medhist.wisc.edu/faculty/hogle/index.shtml)
- Elizabeth Mertz (http://law.wisc.edu/profiles/eemertz@wisc.edu)
- Ellen Rafferty

**ADMINISTRATIVE STAFF**

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- Sharon Hutchinson
  sehutchi@wisc.edu
Cultural anthropology, Africa

- Anatoly Khazanov (http://www.anthropology.wisc.edu/staff/khazanov-anatoly)
  Cultural anthropology

- Herbert Lewis
  Cultural anthropology, history of anthropology

- T. Douglas Price
  Archaeology, Archaeological chemistry, Europe

- Frank Salomon
  Cultural anthropology, South America

- James Stoltman
  Archaeology, North America, Wisconsin