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 and graduate study 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>Introductory course</th>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete one:</td>
<td></td>
<td></td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Area courses</th>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Complete 6 credits from:</td>
<td>ANTRO 309</td>
<td>Prehistoric Europe</td>
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<tr>
<td></td>
<td>ANTRO 310</td>
<td>Topics in Archaeology</td>
<td></td>
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<tr>
<td></td>
<td>ANTRO 321</td>
<td>The Emergence of Human Culture</td>
<td></td>
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<tr>
<td></td>
<td>ANTRO 322</td>
<td>The Origins of Civilization</td>
<td></td>
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<tr>
<td></td>
<td>ANTRO 333</td>
<td>Prehistory of Africa</td>
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<thead>
<tr>
<th>METHODS</th>
<th>Code</th>
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<tr>
<td>Complete 6 credits from:</td>
<td>ANTRO 302</td>
<td>Hominoid Evolution</td>
<td>6</td>
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<tr>
<td></td>
<td>ANTRO 303</td>
<td>Human Skeletal Anatomy</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ANTRO 311</td>
<td>Archaeological Chemistry</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ANTRO 352</td>
<td>Ancient Technology and Invention</td>
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1 Must be an archaeology topic.
ANTHRO 391  Bones for the Archaeologist
ANTHRO 696  Archaeological Methods of Curation
BOTANY 240  Plants and Humans
ANTHRO/ BOTANY/ ZOOLOGY 410  Evolutionary Biology
BOTANY/ AMER IND/ ANTHRO 474  Ethnobotany
CLASSICS 430  Topics in Classical Archaeology
ENVIR ST/ ATM OCN/GEOG/ GEOSCI 335  Climatic Environments of the Past
ENVIR ST/ CIV ENGR/ GEOG 377  An Introduction to Geographic Information Systems
ENVIR ST/ CIV ENGR/G L E/ GEOSCI 444  Practical Applications of GPS Surveying
GEOG/ GEOSCI 320  Geomorphology
GEOG 321  Climatology
GEOG 329  Landforms and Landscapes of North America
GEOG 360  Quantitative Methods in Geographical Analysis
GEOG 370  Introduction to Cartography
GEOG/CIV ENGR/ ENVIR ST 377  An Introduction to Geographic Information Systems
GEOG/ GEOSCI 420  Glacial and Pleistocene Geology
GEOG/ GEOSCI 527  The Quaternary Period
GEOG/ATM OCN/ ENVIR ST 528  Past Climates and Climatic Change
GEOSCI 202  Introduction to Geologic Structures
GEOSCI 203  Earth Materials
GEOSCI/ GEOG 320  Geomorphology
GEOSCI/ GEOG 326  Landforms-Topics and Regions
GEOSCI/ GEOG 420  Glacial and Pleistocene Geology
GEOSCI 430  Sedimentology and Stratigraphy
GEOSCI/ CIV ENGR/ ENVIR ST/ G L E 444  Practical Applications of GPS Surveying
GEOSCI/G L E 594  Introduction to Applied Geophysics
ZOOLOGY/ ANTHRO/ BOTANY 410  Evolutionary Biology

Field course

<table>
<thead>
<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>ANTHRO 370</td>
<td>Field Course in Archaeology</td>
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Total Credits: 3-6

Capstone

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<tr>
<td>ANTHRO 352</td>
<td>Ancient Technology and Invention</td>
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<tr>
<td>ANTHRO 490</td>
<td>Undergraduate Seminar</td>
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Total Credits: 3-4

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 & QUALITY OF WORK

2.000 GPA on all certificate-approved courses 11 credits in the certificate, in residence
4 Pass/fail courses do not apply to the certificate.

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

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  Cultural anthropology, medical anthropology, Oceania

• Hayder al-Mohammad (http://www.anthropology.wisc.edu/staff/al-mohammad-hayder)
  Cultural anthropology, anthropology of Islam, Iraq

• Richard McFarland (http://www.anthropology.wisc.edu/staff/mcfarland-richard)
  Biological anthropology, primatology, behavioral ecology

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  Cultural anthropology, legal anthropology, North America, Wisconsin

• Emiko Ohnuki-Tierney (http://www.anthropology.wisc.edu/staff/ohnuki-tierney-emiko)
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• Travis Pickering (http://www.anthropology.wisc.edu/staff/pickering-travis)
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  Cultural anthropology, East Africa

• Karen Strier (http://www.anthropology.wisc.edu/staff/strier-karen)
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  Cultural anthropology, medical anthropology, Africa, Malawi

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  Cultural anthropology, East Asia, China, development

ACADEMIC STAFF
• Danielle M. Benden (http://www.anthropology.wisc.edu/staff/benden-danielle), Senior Curator

Archaeology, methods of curation, North America

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• 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)
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  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