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>
</tr>
</tbody>
</table>

Methods

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

Capstone
Code Title Credits
Choose from:
ANTHRO 352 Ancient Technology and Invention 2
ANTHRO 490 Undergraduate Seminar 3
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 4
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
  Archaeology, South Asia, Harappa, craft production

• Nam C. Kim
  Archaeology, Southeast Asia, Vietnam, complex societies, warfare

• Maria Lepowsky
  Cultural anthropology, medical anthropology, Oceania

• Hayder al-Mohammad
  Cultural anthropology, anthropology of Islam, Iraq

• Richard McFarland
  Biological anthropology, primatology, behavioral ecology

• Larry Nesper
  Cultural anthropology, legal anthropology, North America, Wisconsin

• Emiko Ohnuki-Tierney
  Cultural anthropology, East Asia, Japan

• Travis Pickering
  Biological anthropology, taphonomy, South Africa

• Sissel Schroeder
  Archaeology, historical ecology, Eastern North America, complex societies

• Amy Stambach
  Cultural anthropology, East Africa

• Karen Strier
  Biological anthropology, primatology, behavioral ecology, Brazil

• Claire Wendland
  Cultural anthropology, medical anthropology, Africa, Malawi

• Zhou Yongming
  Cultural anthropology, East Asia, China, development

ACADEMIC STAFF
• Danielle M. Benden, Senior Curator
  Archaeology, methods of curation, North America

AFFILIATE FACULTY
• William Aylward
  Archaeology, methods of curation, North America

• Bruce Barrett
  Nicholas Cahill
  Cultural anthropology, medical anthropology, Oceania

• Hayder al-Mohammad
  Cultural anthropology, anthropology of Islam, Iraq

ADMINISTRATIVE STAFF
• Kristine Schultz, Administrator
  608-262-2868

• Clara Pfefferkorn, Graduate Coordinator
  608-262-2869

• Kyle Speth, Financial Specialist
  608-262-2867

• William Fetty, Undergraduate Coordinator
  608-262-2866

EMERITUS FACULTY
• Kenneth George
  Cultural anthropology, Southeast Asia, Indonesia

• Sharon Hutchinson
  sehutchi@wisc.edu

• Anatoly Khazanov
  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