

ARCHAEOLOGY, CERTIFICATE

The archaeology certificate is designed to help students to develop the knowledge and practical skills needed to analyze archaeological materials and to participate in archaeological field research. Students who complete the certificate, along with a B.A. or B.S. degree from UW–Madison, improve their competitiveness in graduate school applications and are qualified for entry-level employment opportunities in archaeology. In addition to providing a strong intellectual foundation in archaeology and hands-on experience in fieldwork, the certificate provides an interdisciplinary link to courses in three or more departments, exposing students to diverse approaches to the study of our global human heritage.

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.

Through their participation in the archaeology certificate program, students gain an appreciation of the diversity of human societies and a fuller understanding of the cultural processes that have resulted in the way that we live today. Students explore the origins of subsistence strategies, trade, technology, belief systems, and conflict that are relevant to understanding the human condition in our modern world.

For further information about the archaeology certificate, including a list of core faculty, please see the Department of Anthropology website (<https://www.anthropology.wisc.edu>).

HOW TO GET IN

To declare an archaeology certificate, should contact or visit the Department of Anthropology.

REQUIREMENTS

7 COURSES AND 21 CREDITS ⁴

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

Introductory course

| Code | Title | Credits |
|----------------------|---------------------------------------|----------|
| Complete one: | | 3 |
| ANTHRO 102 | Archaeology and the Prehistoric World | |
| ANTHRO 105 | Principles of Biological Anthropology | |
| ANTHRO 212 | Principles of Archaeology | |
| Total Credits | | 3 |

Area courses

| Code | Title | Credits |
|---------------------------------|-------|----------|
| Complete 6 credits from: | | 6 |
| ANTHRO 309 | | |

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|---------------------------|---|
| ANTHRO 310 | Topics in Archaeology |
| ANTHRO 321 | The Emergence of Human Culture |
| ANTHRO 322 | The Origins of Civilization |
| ANTHRO 333 | Prehistory of Africa |
| ANTHRO/ AMER IND 354 | Archaeology of Wisconsin |
| ART HIST/ CLASSICS 300 | The Art and Archaeology of Ancient Greece |
| ART HIST/ CLASSICS 304 | The Art and Archaeology of Ancient Rome |
| ART HIST 305 | History of Islamic Art and Architecture |
| ART HIST 307 | From Tomb to Temple: Ancient Chinese Art and Religion in Transition |
| ART HIST 405 | Cities and Sanctuaries of Ancient Greece |
| ART HIST 600 | Special Topics in Art History ¹ |
| CLASSICS/ JEWISH 241 | Introduction to Biblical Archaeology |
| CLASSICS 320 | The Greeks |
| CLASSICS 322 | The Romans |
| CLASSICS/ JEWISH 452 | Biblical Archaeology |
| HISTORY 303 | A History of Greek Civilization |
| HISTORY 307 | A History of Rome |
| HISTORY 313 | |
| HISTORY 377 | History of Africa, 1500 to 1870 |

Total Credits 6

¹ Must be an archaeology topic.

Methods

| Code | Title | Credits |
|--|---|----------|
| Complete 6 credits from: | | 6 |
| ANTHRO 302 | Hominoid Evolution | |
| ANTHRO 303 | Human Skeletal Anatomy | |
| ANTHRO 311 | Archaeological Chemistry | |
| ANTHRO 352 | Ancient Technology and Invention | |
| 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 | |

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| ENVIR ST/ CIV ENGR/G L E/ GEOSCI 444 | Practical Applications of GPS Surveying |
| GEOG/ GEOSCI 320 | Geomorphology |
| 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 527 | |
| GEOG/ATM OCN/ ENVIR ST 528 | Past Climates and Climatic Change |
| GEOSCI 202 | Introduction to Geologic Structures |
| 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 |

Total Credits 6

Field course

| Code | Title | Credits |
|------------|-----------------------------|---------|
| ANTHRO 370 | Field Course in Archaeology | 3-6 |

Total Credits 3-6

Capstone

| Code | Title | Credits |
|---------------------|---|------------|
| Choose from: | | 3-4 |
| 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.

⁴ Courses taken Pass/Fail do not count.

RESIDENCE AND QUALITY OF WORK

- 2.000 GPA on all certificate-approved courses

- At least 11 Certificate credits, taken in Residence

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
- Yongming Zhou (<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 (<https://canes.wisc.edu/staff/william-aylward/>)
- Bruce Barrett (<http://www.fammed.wisc.edu/directory/327/>)
- Nicholas Cahill (<https://arthistory.wisc.edu/staff/nicholas-d-cahill/>)
- 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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EMERITUS FACULTY

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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