

ARCHAEOLOGY, CERTIFICATE

The Archaeology certificate is designed to help students develop the knowledge and practical skills needed to analyze archaeological materials and participate in archaeological field research. Students who complete the certificate, along with a BA or BS 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.

HOW TO GET IN

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

REQUIREMENTS

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7 courses and 21 credits ¹

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 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	
CLASSICS/ JEWISH 241	Introduction to Biblical Archaeology	
CLASSICS 320	The Greeks	
CLASSICS 322	The Romans	
HISTORY 303	A History of Greek Civilization	
HISTORY 307	A History of Rome	
Total Credits		6

Methods

Code	Title	Credits
Complete 6 credits from:		6
ANTHRO 302	Hominoid Evolution	
ANTHRO 303	Human Skeletal Anatomy	
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	
ENVIR ST/ CIV ENGR/G L E/ GEOSCI 444	Practical Applications of GPS Surveying	
GEOG/ GEOSCI 320	Geomorphology	

GEOG 370	Introduction to Cartography	
GEOG/ CIV ENGR/ ENVIR ST 377	An Introduction to Geographic Information Systems	
GEOG/ GEOSCI 420	Glacial and Pleistocene Geology	
GEOSCI 202	Introduction to Geologic Structures	
GEOSCI/ GEOG 320	Geomorphology	
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

¹ Courses taken Pass/Fail do not count.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
- 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 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

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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

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DECLARE OR CANCEL THIS CERTIFICATE

Please follow the process described on the Anthropology website (<https://www.anthropology.wisc.edu/undergraduate-study/>).

SUCCESSWORKS

SuccessWorks (<https://successworks.wisc.edu/>) at the College of Letters & Science helps you turn the academic skills learned in your classes into a fulfilling life, guiding you every step of the way to securing jobs, internships, or admission to graduate school.

Through one-on-one career advising, events, and resources, you can explore career options, build valuable internship and research experience, and connect with supportive alumni and employers who open doors of opportunity.

- What you can do with your major (<https://successworks.wisc.edu/what-you-can-do-with-your-major/>) (Major Skills & Outcomes Sheets)
- Make a career advising appointment (<https://successworks.wisc.edu/make-an-appointment/>)
- Learn about internships and internship funding (<https://successworks.wisc.edu/finding-a-job-or-internship/>)
- Try "Jobs, Internships, & How to Get Them," (<https://successworks.wisc.edu/canvas/>) an interactive guide in Canvas for enrolled UW-Madison students