

# ARCHAEOLOGICAL SCIENCE, B.S.

**Begin Campus:** Any Penn State Campus

**End Campus:** University Park

**PROGRAM CURRENTLY ON HOLD; NOT ACCEPTING NEW STUDENTS**

**Begin Date of Enrollment Hold:** April 12, 2018

## Program Description

The Bachelor of Science degree in Archaeological Science is offered by the Archaeology Program in the Department of Anthropology.

This degree provides the opportunity to develop a strong foundation in research methods, quantification, field methods, and laboratory science. It prepares students with the skills and competencies needed to pursue careers in cultural resource management. Students contemplating futures in nonacademic archaeology should consider this degree or some of its recommended courses.

## What is Archaeological Science?

Archaeological Science is a subfield within Anthropology concerned with the study of human cultural variation in the past in order to understand culture change through time. Archaeology explores the economic, political, social, and ecological frameworks of past societies, the interactions among these past societies, and how societies change over time.

## You Might Like This Program If...

- You are interested in human cultures and cultural variation in the past.
- You want to study important questions such as 'what was life like in the past?' and 'when and why did humans domesticate plants and animals?'
- You are interested in understanding how humans interacted with the environment throughout human history.
- You want to pursue a career in archaeological research, museum curation, or cultural resource management.

## Entrance to Major

In order to be eligible for entrance to this major, a student must:

1. attain at least a C (2.00) cumulative grade-point average for all courses taken at the University; and
2. have at least third-semester classification (<https://www.registrar.psu.edu/enrollment/semester-classification.cfm>).

READ SENATE POLICY 37-30: ENTRANCE TO AND CHANGES IN MAJOR PROGRAMS OF STUDY (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/37-00-entrance-to-a-college-or-major/>)

## Degree Requirements

**For the Bachelor of Science degree in Archaeological Science, a minimum of 120 credits is required:**

Requirement	Credits
General Education	45
Electives	15
Requirements for the Major	70

**10 of the 45 credits for General Education are included in Requirements for the Major. This includes: 4 credits of GQ courses; 6 credits of GN courses.**

Per Senate Policy 83-80.5, the college dean or campus chancellor and program faculty may require up to 24 credits of coursework in the major to be taken at the location or in the college or program where the degree is earned. For more information, check the Suggested Academic Plan for your intended program.

## Requirements for the Major

A grade of C or better is required for all courses in the major. To graduate, a student enrolled in the major must earn at least a C grade in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44>).

Code	Title	Credits
<b>Prescribed Courses</b>		
<i>Prescribed Courses: Require a grade of C or better</i>		
ANTH 2N	World Archaeology	3
ANTH 11	North American Archaeology	3
ANTH 21	Introductory Biological Anthropology	3
ANTH 45N	Cultural Diversity: A Global Perspective	3
ANTH 421		3
ANTH 423	The Evolution of American Indian Culture	3
ANTH 428	Archaeological Methods and Theory	3
ANTH 433	Archaeological Ethics and Law	3
ANTH 492	Intermediate Field Methods	3
ANTH 493	Field Techniques	3
GEOSC 1	Physical Geology	3
SOILS 101	Introductory Soil Science	3
STAT 200	Elementary Statistics	4
<b>Additional Courses</b>		
<i>Additional Courses: Require a grade of C or better</i>		
Select 9 additional Archaeology credits from the following ranges:		9
ANTH 320-339		
ANTH 420-439		
Select an additional 18 credits in ANTH electives <sup>1</sup>		18
GEOSC 320	Geology of Climate Change	3
or SOILS 416	Soil Genesis, Classification, and Mapping	

<sup>1</sup> Select 18 credits in ANTH electives other than ANTH 1 and no more than 9 credits from 190-199, 290-299, 390-399, 490-499, other than ANTH 297 and ANTH 497.

## General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense

of aesthetic appreciation. These are requirements for all baccalaureate students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (<https://bulletins.psu.edu/undergraduate/general-education/baccalaureate-degree-general-education-program/>) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

### **Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)**

- **Quantification (GQ):** 6 credits
- **Writing and Speaking (GWS):** 9 credits

### **Breadth in the Knowledge Domains (Inter-Domain courses do not meet this requirement.)**

- **Arts (GA):** 3 credits
- **Health and Wellness (GHW):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

### **Integrative Studies**

- **Inter-Domain Courses (Inter-Domain):** 6 credits

### **Exploration**

- **GN**, may be completed with Inter-Domain courses: 3 credits
- **GA, GH, GN, GS, Inter-Domain courses.** This may include 3 credits of World Language course work beyond the 12th credit level or the requirements for the student's degree program, whichever is higher: 6 credits

## **University Degree Requirements**

### **First Year Engagement**

All students enrolled in a college or the Division of Undergraduate Studies at University Park, and the World Campus are required to take 1 to 3 credits of the First-Year Seminar, as specified by their college First-Year Engagement Plan.

Other Penn State colleges and campuses may require the First-Year Seminar; colleges and campuses that do not require a First-Year Seminar provide students with a first-year engagement experience.

First-year baccalaureate students entering Penn State should consult their academic adviser for these requirements.

### **Cultures Requirement**

6 credits are required and may satisfy other requirements

- United States Cultures: 3 credits
- International Cultures: 3 credits

### **Writing Across the Curriculum**

3 credits required from the college of graduation and likely prescribed as part of major requirements.

### **Total Minimum Credits**

A minimum of 120 degree credits must be earned for a baccalaureate degree. The requirements for some programs may exceed 120 credits. Students should consult with their college or department adviser for information on specific credit requirements.

### **Quality of Work**

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

### **Limitations on Source and Time for Credit Acquisition**

The college dean or campus chancellor and program faculty may require up to 24 credits of course work in the major to be taken at the location or in the college or program where the degree is earned. Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.

## **Academic Advising**

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

## **University Park**

### **Liberal Arts Academic Advising**

814-865-2545

Use the Liberal Arts Meet the Academic Advisers web page (<https://la.psu.edu/student-services/academic-advising/meet-the-academic-advisers/>) to see the contact information for the specific adviser(s) of this program

## **Career Paths**

Graduates with a B.S. in Archaeological Science from Penn State excel in diverse professional careers including academic research, museum curator, and cultural resource management. Archaeological Science students develop strong skills in research methods, quantification, laboratory science, problem-solving, and effective oral and written communication. Students are strongly encouraged to become involved in departmental research while at Penn State to augment their training and enhance their prospects for employment or graduate study.

### **Careers**

Possible career paths include:

- Advanced research in the field
- Museum curator
- Cultural resource management

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE ARCHAEOLOGICAL SCIENCE PROGRAM (<https://americananthro.org/careers/careers-in-anthropology/>)

## Opportunities for Graduate Studies

Archaeological Science majors will find that their undergraduate education is excellent preparation for the advanced training required for many professions. Our majors often go on to receive specialized graduate instruction in archaeological research or museum studies.

## Professional Resources

- Society for American Anthropology (<https://www.saa.org/>)
- American Anthropological Association (<https://americananthro.org>)

## Contact

### University Park

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