

Bioarchaeology Graduate Program Curriculum

Required Courses for all SHESC Graduate Students

- One Quantitative Methods course
(Course options include *Biometry [BIO 415]*, *Introduction to Computer Programming and the SAS Language [ASM 598]*, and *Quantitative and Formal Methods in Archaeology [ASM 565]*, among others.)
- Proposal Writing (ASM 591)
- Scholarly Inquiry in Anthropology (ASM 591)
(This course is required of all students pursuing a PhD in Anthropology in SHESC and should be taken in the fall semester of their first year.)

Recommended Courses for Bioarchaeology Graduate Students

- Advanced Human Osteology (ASM 591)
(This course will be taught during the fall semester. Although most entering bioarchaeology graduate students will take this course, students with extensive experience may be exempt.)
- Bioarchaeological Approaches to Innovative Questions (ASM 591)
(See below. These courses in bioarchaeological approaches to innovative questions are offered by CBR faculty during the fall semester. Students are encouraged to take at least one of these courses during the first year.)
- Bioarchaeology (ASM 591)
(This course will be taught by J. Buikstra in spring semesters and will focus on the history, themes, and contexts of bioarchaeology and bioarchaeologies. This course will establish for first year students that bioarchaeology is a special approach to general anthropological and, more broadly, social problems.)
- Field School or comparable bioarchaeological field experience.

Courses in Bioarchaeological Approaches to Innovative Questions

These courses are inspired by SHESC and CBR visions for the field, apropos to the vision of the CBR and are developed around research areas and questions rather than techniques. These courses are problem-based, explicitly linking data, and its limitations, to broad research questions that defy disciplinary circumscription. These courses should be taken in fall semesters in order to contextualize bioarchaeological research for students at the beginning of their graduate careers. Students, in consultation with their committee, will choose the courses that best fit their needs.

- The Bioarchaeology of Colonialism (ASM 591)
- The Bioarchaeology of Empires (ASM 591)
- The Bioarchaeology of Identity (ASM 591)
- The Bioarchaeology of Urban Societies (ASM 591)
- Biocultural Dimensions of Human Health (ASM 591)

Courses in Bioarchaeological Methods and Applications

Students, in consultation with their committee, will choose the courses that best fit their needs.

- Dental Anthropology (ASM 591)
- Disease and Human Evolution (ASM 591)
- Field Methods in Bioarchaeology (ASM 583)
- Gross Anatomy (ASM 591)
- Human Behavior through Bone Chemistry (ASM 591)
- Human Demography and Microevolution (ASM 591)
- Mortuary Practices and Cultural Analysis (ASM 591)
- Paleopathology (ASM 591)
- Practicum: Forensic Anthropology (ASM 580)
- Subadult Osteology and Skeletal Development (ASM 691)
- Zooarchaeology (ASM 598)

SHESC Graduate Courses for Bioarchaeology Students

Students, in consultation with their committee, will choose the courses that best fit their needs.

- Andean Archaeology (ASB 591)
- Archaeology of the Social Realm (ASB 591)
- Chiefdoms (ASB 591)
- Complex Societies (ASB 555)
- Ecological Anthropology (ASB 530)
- Economic Archaeology (ASB 550)
- Ethnoarchaeology (ASB 591)
- Ethnohistory of Mesoamerica (ASB 536)
- Field Methods (ASB 583)
- Hohokam Archaeology (ASB 591)
- Hunter-Gatherer Adaptations (ASB 563)
- Issues in Contemporary Social Theory (ASB 591)
- Museum Administration (ASB 573)
- Museum Collections Management (ASB 572)
- Museum Principles (ASB 571)
- Peoples of Southeast Asia (ASB 591)
- Political Anthropology (ASB 591)
- Political Ecology (ASB 591)
- Prehistoric Diet (ASB 551)
- Primatology (ASM 591)
- Problems in Southwestern Archaeology (ASB 591)
- Quantitative and Formal Methods in Archaeology (ASM 565)
- Simulation, Modeling, and Monte Carlo Methods in Archaeology (ASM 566)

- Southwestern Archaeology (ASB 567)
- Topics in Mesoamerican Archaeology (ASB 537)
- Zooarchaeology (ASM 598)

Possible Courses for Bioarchaeology Graduate Students in Other Departments

Students, in consultation with their committee, will choose the courses that best fit their needs.

Department of Geological Sciences

- Geochemistry (GLG 481)
- Isotope Geochemistry (GLG 581)

Department of History

- American Indian History (HST 590)
- Andean Myth, Testimony and Historiography (HST 598)
- Colonial Latin America (HST 590)
- Key Issues in Latin American Colonial History (HST 598)
- Peoples of the North American West (HST 591)
- Premodern Asia (HST 590)
- Premodern Southeast Asia (HST 790)

Department of Religious Studies

- Religion and Science (REL 483)

School of Life Sciences

- Biometry (BIO 415)
- Population and Evolutionary Genetics (BIO 545)