

# HOMINID PALEOBIOLOGY (HOMP)

## Explanation of Course Numbers

- Courses in the 1000s are primarily introductory undergraduate courses
- Those in the 2000s to 4000s are upper-level undergraduate courses that also may be taken for graduate credit with permission and additional work assigned
- Those in the 6000s and 8000s are for master's, doctoral, and professional-level students
- The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office

### **HOMP 5099. Variable Topics. 1-99 Credits.**

#### **HOMP 6201. Hominid Paleobiology. 3 Credits.**

Study of human evolution through investigation of the fossil record; current research in reconstructing paleobiology. Adaptation, phylogeny and behavior reconstruction, site formation, and the taxonomy, site context, anatomy, behavior, and major issues surrounding each hominin taxon.

#### **HOMP 6202. Lab Techniques: Paleoanthropology. 1-3 Credits.**

Through readings and laboratory visits, students gain understanding of a range of laboratory methodologies and research approaches in human evolutionary studies. Students conduct a practicum to gain in-depth knowledge of research protocols.

#### **HOMP 6203. Ethics and Professional Practice I. 1 Credit.**

Designed to provide an understanding of the salient ethical issues, guidelines, and professional skills important to conducting research and teaching in human evolutionary studies at the outset of graduate training.

#### **HOMP 6204. Ethics and Professional Practice II. 1 Credit.**

For PhD candidates or students who will advance in the current academic year. Covers more advanced issues of ethics and professional practice appropriate to leaders of research. Issues surrounding the transition to professional life beyond the PhD.

#### **HOMP 6995. Independent Research. 1-9 Credits.**

Research on problems approved by the director of the program. Open to qualified students with advanced training. May be repeated for credit.

#### **HOMP 6999. Thesis Research. 3,6 Credits.**

Development of a thesis project and accompanying research. Restricted to graduate students in the MS in human paleobiology program.

#### **HOMP 8301. Problem-Based Learning Seminar. 1-3 Credits.**

Problem-based tutorial in hominid paleobiology. Development of research skills through problem-solving tasks in a small group. May be repeated for credit.

#### **HOMP 8302. Public Understanding of Science Internship. 2-3 Credits.**

Supervised participation in an institution that presents science to the public. Opportunity to participate in procedures and gain practical experience in disseminating scientific information to non-scientists.

#### **HOMP 8303. Paleobiology Lab Rotation. 2-3 Credits.**

Supervised participation in a relevant laboratory. Students learn analytical techniques, handle diverse types of data, and encounter a range of disciplines as preparation for later participation in interdisciplinary research projects. May be repeated for credit.

#### **HOMP 8998. Advanced Reading and Research. 1-12 Credits.**

May be repeated for credit. Restricted to doctoral candidates preparing for the general examination.

#### **HOMP 8999. Dissertation Research. 3-9 Credits.**

May be repeated for credit. Restricted to doctoral candidates.