

**Class Meeting Time & Place:** Tuesday & Thursday, 1:15 - 2:30 pm, Gambrell 412

**Office Hours:** Wednesday 10am.-12pm., or by appointment. **Office:** 414 Gambrell Hall

**Required Texts:**

*All required readings are cited by author's last name in the course schedule, below. All readings are found on Blackboard in the course readings section.* Students must complete assigned readings so that they can participate in discussions and assignments.

**Content**

This course introduces students to the relationship between human biology, culture, history, environment, and artifacts, with special emphasis on evolution. Students survey some of the fundamental evidence, methods, and theories that comprise archaeology and biological anthropology. This class provides an understanding of how archaeology and biological anthropology are related to other subfields of their discipline and to the natural sciences.

**Catalog Course Description:**

An exploration of human origins, human evolution, human prehistory, and cultural existence from its less complex forms to early civilizations. An introduction to the concepts, methods, and data of physical, biological, and archaeological anthropology.

**Course Learning Objectives**

By the end of the semester students will be able to

- 1) Understand how human culture, history & evolution interrelate;
- 2) Describe methods that archaeologists & biological anthropologists use to study evolution;
- 3) Identify primary elements of human & primate anatomy and behavior;
- 4) Interpret what fossils & artifacts mean, and assess anthropological explanations of them;
- 5) Map our ancient, global biological & cultural heritage;
- 6) Apply cultural analysis & critical thinking to theories about human origins and ancient life.

**Carolina Core Outcome (GSS)**

Students will be able to use the principles of the social sciences to explore diverse cultural identities and to analyze political and environmental issues.

**Grading:**

Assignments include the following:

<u>Assignment</u>	<u>Pts.</u>	<u>Grade</u>	<u>Pts.</u>
Quiz 1	20	A	180-200
Exam 1	40	B	160-179
Primate/Zoo Assignment	40	C	140-159
Final Exam	60	D	120-139
Participation	40	F	<=119
<b>TOTAL =</b>	<b>200</b>		

### Carolina Core

This course meets a requirement for the Carolina Core. Your Primate/Zoo assignment will be collected via blackboard and reviewed by Faculty & Staff who evaluate this course for the Carolina Core program. Your name and identity will be kept anonymous, only being viewed by me and a few reviewers. This carolina core evaluation will not affect your grade.

### Note:

You are expected to attend & participate in all classes & assignments. Films & lectures contain vital information that you will apply in exercises & exams. You must notify me as soon as possible, regarding absences related to graded assignments or exams (email or before/after class).<sup>\*</sup> Penalties will be applied to any assignments that are turned in late. <sup>\*</sup> *Absences will be excused only if students have a written explanation from their doctor, lawyer, government agent or other official who can explain their circumstances.* Makeup exams will only be available to those who have valid documentation of medical, legal or other serious emergency. The makeup assignment may involve writing tasks or questions that differ from the scheduled exam or assignment. Absences will affect students' grades in accordance with University Policy. **Participation** points are directly tied to the % of days present or absent: % days attended x 40 [points] = your attendance score.

Geography is important, so *make sure you fill in the blank maps* that will be handed out with significant sites that I specify. *We will use Blackboard extensively this semester* so make sure you check your USC email address and *familiarize yourself with Blackboard*. It will allow you to check your grades and complete exercises.

**University Policies:** The Carolina Creed encourages integrity. Please respect each others' opinions and refrain from personal attacks or demeaning comments. Plagiarism and other infractions invite disciplinary action by the university. If you have a documented disability and need accommodations to participate in this class, contact the Office of Student Disability Services (803-777-6142; TDD 777-6744; sasds@mailbox.sc.edu; or visit LeConte College Room 112A) and get your services approved. If stress disrupts your class work, counseling and other services (some free) are available: call 803-777-5223 or see [www.sa.sc.edu/shs/mentalhealth](http://www.sa.sc.edu/shs/mentalhealth). The Student Success Center (803-777-1000; [www.sc.edu/success](http://www.sc.edu/success)) offers programs that can help improve your course work, including tutoring, study skills training, and writing assistance.

### COURSE SCHEDULE

1/14 Introduction: Anthropology, Culture & Frameworks for Understanding the Past

1/16 Archaeological & Biological Anthro. Methods AIA 2013: 1-4; Angeloni 2010: 184-189

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1/21 Dating & Stratigraphy

1/23 Cultural Concepts of Time & Archaeological Dating Harris 1997: 1-21

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1/28 Evolutionary Theory Quammen 2004: 1-10

1/30 The Big Picture: Our Place in Natural History **Quiz 1**

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2/4 The Evidence for Evolution & Disease Benefits (!) Tattersall 2015; Angeloni 2010: 216-221

2/6 Dr. Darwin: An Evolutionary Perspective on Medicine Oliwenstein 1995 -----

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2/11 Human Variation & Intra-Species Similarities Angeloni 2010: 156-171; 180-183

2/13 Race: Biological Myths & Social Realities Angeloni 2010: 172-179

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2/18 **Exam 1**

2/20 An Overview of Primates & their Evolution

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2/25 Fieldwork : Among the Wild Chimpanzees

2/27 Primate Behavior Angeloni 2010: 36-64

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3/3 Primate Conflict, Cooperation, Reproduction Cords 2008; Hrdy 2001; Small 1992; Smuts 2002,1987

3/5 What is a Hominin? Anatomy & Fossils Angeloni 2010: 90-121 Gibbons 2009

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3/10 Spring Break: NO CLASS

3/12 Spring Break: NO CLASS

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3/17 Bipedalism & Adaptive Ecological Models Lovejoy 2009

3/19 *Homo erectus* Angeloni 2010:107-112

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3/24 Other Archaic Hominins **Primate Zoo Assignment due**

3/26 Neanderthals Alper 2003; Gugliotta 2008; Trinkaus 1978; Wong 2009

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3/31 Modern Homo sapiens & Global Dispersion Angeloni 2010: 139-143

4/2 Paleolithic Times & material culture

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4/7 Paleo-Migrations

4/9 Paleodiet Hardy et al 2015

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4/14 Biological Consequences of Domestication Angeloni 2010: 151-155

4/16 The Dawn of Cultural Complexity in Antiquity: Case Study: Hierakonpolis

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4/21 Nile Valley Civilizations: KMT/Egypt & Nubia IDH 2009

4/23 Last Words on Human Complexity, Antiquity, & Primatology

**FINAL EXAM: May 5, Tuesday, 12:30 p.m**