

ANTH 202 Introduction to Biological Anthropology Spring 2016

Instructor: Maranda A. Kles, Ph.D
mkles@louisiana.edu
(337) 482-5371

Class Time and Room: Mouton Hall 117
Monday, Wednesday, and Friday 9:00-9:50 am

Office Hours and Location: Mouton Hall 109B
Monday, Wednesday, Friday 10:00-10:50
Wednesday 2:30-4:00
Or by appointment

Course Description: Anthropology is the holistic study of the human condition. Biological anthropology is a subfield of the larger discipline that studies humankind as a zoological species. As biological anthropology is firmly rooted in evolutionary theory, the evolutionary biology of humans is the central focus of the course. Basic concepts of genetics, geology, paleontology, comparative anatomy, primate biology and material culture provide the foundation for understanding humanity's place in nature. ANTH202 is a three credit course. This course is required of all Anthropology majors.

Course Objectives: By the end of this course students should be able to:

- Define Anthropology and its place in science and humanities
- Understand the basics of genes and heredity
- Define the forces of evolution, understand the concept of natural selection, and the definition and consequences of micro and macro-evolution.
- Understand primate biology, behavior, and classification and outline early primate evolution.
- Outline early human evolution.
- Discuss the skeletal and behavioral adaptations related to bipedalism
- Outline the evolution of the genus Homo to modern times and discuss species variation and adaptations.
- Understand modern human variation, adaptation, and impact on the environment.
- Understand the applications of physical anthropology.

Required Textbook: Larsen, C.S. Essentials of Physical Anthropology, 3rd edition (2016), W.W. Norton & Company, ISBN: 978—0-393-93866-1

Grading policy: There will be 4 exams (100pts each), 5 in-class 'pop' quizzes (5pts each), 1 (10pt) syllabus quiz, and 5 online quizzes (10 pts each) for a total of 485 points. Attendance is taken in the form of various extra credit opportunities in class. Final grades will be:

A	436-485
B	388-435
C	339-387
D	291-338
F	≤290

Exams and Quizzes: The exams and quizzes are constructed so that attendance is rewarded. Quizzes and exams will include matching, multiple choice, and true/false. Exams will not be comprehensive. Quizzes are scheduled to keep you "on top" of the material prior to exams. The syllabus quiz can (should) be taken repeatedly until the student receives a 100% or the full 10 pts and this must be accomplished in the first 2 weeks of the course.

Students are responsible for all of the information provided in the textbook and lecture. Make-up exams for excused absences will be administered during finals week. Make-up exams will not be scheduled unless demonstrated illness, serious emergency, or major scheduling conflict with proof provided to the Instructor.

Attendance: Taken in the form of “pop” quizzes in class. Excused absences include illness with a doctor’s note, personal situations with supporting documentation, or academic related events with supporting documentation. If you know in advance you will be absent please notify me. If you will be absent for an extended period of time please contact the Office of Student Life and Conduct (Martin Hall; 482-6276).

Student behavior, academic honesty, and accommodations: Students must turn off cell phones during class and computers can only be used for note taking. If a student is found to be violating either of these policies they will first be asked to stop the activity, if it continues they will be asked to leave the class room. **No photos or recordings can be taken in class**, unless permission is provided by the instructor. Handouts may be provided to help with studying. Slides are always available for review during office hours.

Any students caught cheating will be receive an “F” for the course. Cheating includes, but is not limited to: working together on exams or the online quizzes, using notes during exams, using information/ assignments from previous semesters, or plagiarizing. Students are expected to adhere to the University of Louisiana at Lafayette’s Code of Academic Honesty (found in the Academic Catalog).

Students needing academic accommodations for a disability must first be registered with the Office of Disability Services (ODS; 482-5252) to verify the disability and to establish eligibility for accommodations. Students with accommodations should contact Dr. Kles at their earliest convenience, accommodations cannot be applied retroactively. Slides are always available for additional review during office hours.

Lecture and Exam Schedule

Date	Topic	Quiz Week	Chapter/Pages
January	13 Introduction What is Anthropology?		Chapter 1
	15 Science and Evolution		Chapter 2
	18 <i>NO CLASS- Martin Luther King Day</i>		
	20 Natural Selection		
	22 Evolutionary Theory and opposition	Syllabus quiz completed	
	25 DNA and genes	Quiz 1	Chapter 3
	27 Chromosomes and mutations		
	29 Cell Division		
February	1 Heredity		
	3 Environment and Evolution		Chapter 4
	5 Forces of Evolution		
	8 <i>NO CLASS-MARDI GRAS</i>	Quiz 2	
	10 <i>NO CLASS-MARDI GRAS</i>		
	12 Tree of Life and Classification		

	15	Species and Microevolution		
	17	EXAM 1		Chapters 1-4
	19	Primate diversity and behavior		Chapter 6
	22	Primate behavior		Chapter 7
	24	VIDEO?		
	26	NO CLASS-AAFS		
	29	Paleoanthropology and dating	Quiz 3	Chapter 8
March	2	Primate origins-Paleocene		Chapter 9
	4	Eocene/ Oligocene		
	7	Miocene		
	9	EXAM 2		Chapter 6-9
	11	Bipedalism and culture		Chapter 10
	14	Pre-Australopithecines		
	16	<i>Australopithecines</i>		
	18	<i>Australopithecus</i> and kin		
	21	<i>Homo erectus</i>	Quiz 4	Chapter 11
	23	Catch up day		
	25	NO CLASS- SPRING BREAK		
	28	SPRING BREAK		
	30			
April	1			
	4	Archaic <i>Homo</i>		Chapter 12: 307-327
	6	Neanderthals		
	8	EXAM 3		Chapters 10-12
	11	Anatomically modern humans and dispersal		Chapter 12: 327-347 Chapter 13
	13	Race/Racisim		Chapter 5
	15	Variation		
	18	Adaptation	Quiz 5	
	20	Life History and Biosphere		
	22	Medical Anthropology		
	25	Forensic Anthropology and Bioarchaeology		
	27	Review (if time allows)		
	29	EXAM 4		Chapter 5, 12, 13
May	2-6	MAKE UP EXAMS		