

Anthropology 2414: Biological Anthropology.
Academic Semester/Term: Spring 2017

Course description: This lecture and accompanying laboratory course examine fundamental aspects of the biological nature of humans using evolutionary theory. Course content is divided into topics devoted to the process of evolution, genetics, the primate order, osteology, human evolution, and variability and adaptation.

Instructor: Dr. Carrie C. Veilleux

Course section number, classroom & meeting time: 251, LBJ Student Center Teaching Theater 4-16.1, Monday and Wednesday 11am – 12:20 pm

Instructor's office number: ELA 233

Departmental phone:

Email: ccv15@txstate.edu

Instructor Office hours: MW 9- 10am, and by appointment

Lecture TA Assistant: Mindy Rogers, ELA 217, office hrs M 1-3pm email: mvr22@txstate.edu

Graduate instructional (Laboratory Assistants):

Name	Lab day/time	Email	Office	Office hours
Justin Demere	W 3:30-4:50 W 5-6:20	jjd6@txstate.edu	ELA 257	M 10a-12p
Kate Flor-Stagnato	M 5-6:20 Th 5-6:20	kflorstagnato@txstate.edu	ELA 278	M 3-4p W 5-6p
Jessica Galea	T 2-3:20 W 2-3:20	jcg140@txstate.edu	ELA 277	T 12:30-1:30p W 3:30-4:30p
Krystle Lewis	Th 2-3:20 Th 3:30-4:50	kn13@txstate.edu	ELA 280	W 10a-12p
Briana New	F 11-12:20 F 12:30-1:50	btn14@txstate.edu	ELA 281	M 5-6p F 10-11a
Susan Sincerbox	T 3:30-4:50 T 5-6:20	sns109@txstate.edu	ELA 279	M 4:30-5:30p T 2-3p
Savannah Young	M 2-3:20 M 3:30-4:50	youngs@txstate.edu	ELA 257	W 1-2p Th 1-2p

General Education Core Curriculum (Code 030)

Life & Physical Sciences Component Outcomes

Students will describe interactions among natural phenomena and the implications of scientific principles on the physical world and on human experiences.

Core Objectives/Competencies Outcomes:

- **Critical Thinking**
 - Students will demonstrate creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information.
- **Communication**
 - Students will effectively develop, interpret and express ideas through written, oral and visual communication.
- **Empirical and Quantitative Skills**
 - Students will manipulate and analyze numerical data or observable facts resulting in informed conclusions.
- **Teamwork**
 - Students will recognize different points of view and work effectively with others to support a shared purpose or goal.

Learning Materials

- *Biological Anthropology: Concepts and Connections, 2nd Edition* (2012) by Agustín Fuentes E Book and optional loose-leaf copy (see attached page for more info)
- *Biological Anthropology Lab Book* by Dr. Beth Erhart (only available at the Texas State University bookstore) NOTE: Labs start the week of January 23rd

Online Information

Course information (i.e., syllabus, contact information, announcements, handouts, assignments, grades, and other material) is available on TRACS (<https://tracs.txstate.edu>). If you need help with TRACS, call 245-5566 or email tracs@txstate.edu. **You should access TRACS before each class to look for updates and announcements.**

LearnSmart Modules can be accessed via TRACS (through the MHCampus tab in our class site) or directly through the McGraw Hill Connect site for this class (<http://connect.mheducation.com/class/c-veilleux-spring-2017>).

Communication

If you have any questions about content and/or want to discuss anything about the class, I'm happy to chat with you during my office hours or you can make an appointment with me (or with the lecture TA or any of the 7 lab instructors). **If you want to email me, the email must be generated from your Texas State University student account, the subject line of your email must read "ANTH 2414", and your signature line must include your full name.** Because there are 400 students in this class, without this information I won't be able to know who you are and help you. If this information is not provided, the email will be deleted without being read.

Grades

Your total course grade for the semester will be based on the following four components:

Exam 1	15%
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Exam 2	15%
Exam 3	20%
LearnSmart Modules	10%
Lab Grade (lab assignments & 1 quiz)	40%

Final Grade Ranges: **A** = 100-90; **B** = 89-80; **C** = 79-70; **D** = 69-60; **F** = 59 and below

Exams: The exams will consist of objective questions (multiple choice, matching, true/false) and are **non-cumulative**. Test material may be taken from all class material (lectures, labs, films, textbook, LearnSmart modules). You **must** bring your student identification card and a No. 2 pencil to each exam. If you don't have your student ID or your exam answer sheet is marked incorrectly, your exam will not be graded. Exam 3 will be on **Mon May 8, 8am – 10:30am**.

I will do my best to correctly enter your exam grades into TRACS, but it is part of your responsibility to bring any errors to my attention. You should check your scores after each exam to make certain they are correctly reported. **Discrepancies in your score must be brought to my attention before the next scheduled exam period.**

Make-up exams will be given ONLY when (1) with proof of dire emergency or illness, (2) due to observance of a religious holy day, or (3) due to military service. You must provide me with a medical certificate/note or other appropriate documentation within one week of the missed exam. Documentation of excused absences from an exam will not be considered after the next scheduled exam is administered.

LearnSmart Modules: These online interactive study modules will help you master the material in the book and are a great study tool! You need to correctly answer 25 questions for each module by the due date to receive full credit for each assignment. LearnSmart assignments are always due **Fridays by 11:59pm** of the week the chapter is covered in lecture.

Labs: The laboratory component of this course makes up 40% of your final grade. You must be enrolled in a lab class. The labs are designed to provide you with the opportunity to gain hands-on experience with the materials and methods of biological anthropology. Lab sections meet in ELA 226 and the lab syllabus can be found in the lab book.

Please be respectful of the lab equipment, including all skeletons, casts and other materials. Lab attendance is mandatory and attendance is recorded. **Know who your lab instructor is, and contact them first regarding all lab matters.**

UNDER NO CIRCUMSTANCES WILL PERSONALIZED EXTRA CREDIT WORK BE PROVIDED FOR ANY STUDENT – PLEASE DON'T ASK!!

Attendance Policy

Attendance will not be recorded, however, from experience, I can assure you that attendance is correlated with final grades. Attendance is mandatory in lab sessions.

LBJ Teaching Theater policies

- Cell phones must be silenced or turned off
- No food or open drink containers
- Only water bottles with a screw- top cap and travel mugs with a tight lid are allowed
- Do not place your feet on the seat backs
- Do not plug laptops or electronics in aisle outlets. This is a tripping hazard!
- To facilitate traffic flow, enter and exit through the assigned doorways.
- Please throw away trash in designated trash cans located at the exits.
- Lost and Found items are kept in the Teaching Theater office, check with the Technician.

Expectations

I expect you to attend all class and lab sections for the entire semester. If you must be absent, it is your responsibility to obtain information you may have missed from another student. Furthermore, manage your time so that you do not have to come in to class late or leave early. You miss out on a lot of information and it disrupts the other students.

I expect you to be prepared for each class by completing assigned readings or other assigned work prior to class. It is important for you to keep up with your readings. In some cases, the textbook will include more detail than presented in class, but you should use the textbook to fill gaps in your understanding of the lecture material.

I expect you to show respect for your fellow students! Turn off all cell phones and pages, keep irrelevant talking to a minimum, and do not start putting your books and notes away until the lecture is finished. If you must come to class late or leave early, please enter and exit the room quietly. I reserve the right to demand that you leave the classroom if you are disturbing other students.

Special Needs

Students with special needs (as documented by the Office of Disability Services) should identify themselves to me **during the first week of class.** You will be asked to provide documentation from the Office of Disability Services. Failure to contact me in a timely manner may delay your accommodations. The Department of Anthropology is dedicated to providing students with necessary academic adjustments and auxiliary aids to facilitate their participation and performance in the classroom.

Academic Honesty

Texas State University-San Marcos expects students to engage in all academic pursuits in a manner that is beyond reproach. Students found in violation of the Honor Code are subject to disciplinary action. Please visit the link below to read more about honor code in its entirety:

<http://www.txstate.edu/honorcodecouncil/>

The University takes cheating VERY seriously (as do I). I will not tolerate cheating of any kind. This includes, as stated in the above document:

- 1) Copying from another student's test paper, laboratory report, other report, computer files, data listings, programs, or from any electronic device or equipment.
- 2) Using during a test, printed, audio or electronic materials not authorized by the person giving the test.
- 3) Collaborating, without authorization, with another person during an examination or in preparing academic work.
- 4) Knowingly, and without authorization, using, buying, selling, stealing, transporting, soliciting, copying or possessing, in whole or in part, the contents of an un-administered test, or other academic products (i.e., study guides, etc.)
- 5) Substituting for another student or permitting another person to substitute for oneself in taking an examination or preparing academic work.
- 6) Bribing or coercing another person to obtain an administered test or obtain information about an un-administered test or other academic products.
- 7) Purchasing or otherwise acquiring and submitting as one's own work, any research paper or other assignment prepared by another individual or by a firm. This section does not apply to the word processing of the rough or final versions of an assignment by a professional service.
- 8) Submitting the same essay, thesis, report, or another project, without substantial revision or expansion of the work, in an attempt to obtain credit for work submitted in another course.
- 9) Falsifying data.

"Plagiarism" in general, but not limited to, means the appropriation of another's work and the inadequately or inappropriately acknowledged incorporation of that work in one's own written, oral, visual or the performance of an original act or routine that is offered for credit.

"Collusion" in general, but not limited to, means the unauthorized collaboration with another person in preparing any work offered for credit.

Important Dates

- Feb 1 – last day to drop with 100% refund
- Mar 28 – last day to drop/automatic “W” deadline
- Apr 20 – withdrawal deadline
- May 1 – last day of class
- May 8 – Exam 3, 8am – 10:30 am

Tentative¹ Course Schedule

Date	Topic	Reading	LS ²
W 1/18	Course logistics & introduction to biological anthropology	Intro & Ch. 1 (p 13-16)	
M 1/23	Science and the history of evolutionary thought	Ch. 1 (p 16-43)	
W 1/25	History of evolutionary thought II		1 (Fri 1/27)
M 1/30	From genotype to phenotype	Ch. 3 (p 69-82)	
W 2/1	Mendelian inheritance and population genetics	Ch. 3 (p 82-93)	3 (Fri 2/3)
M 2/6	how does evolution work?	Ch. 4	
W 2/8	how does evolution work?	Ch. 4	4 (Fri 2/17)
M 2/13	Film		
W 2/15	What is a primate & primate taxonomy	TRACS: Intro to Primates	
M 2/20	Exam 1		
W 2/22	Survey of the living primates	Ch. 5 (p 119-127)	
M 2/27	Film		
W 3/1	Primate behavior and sociality	Ch. 5 (p 127-159)	
M 3/6	Primate socioecology and sociobiology	Ch. 5 (p 127-159)	
W 3/8	Primate cognition; primates as models	Ch. 5 (p 127-159)	5 (Fri 3/10)
3/12 – 3/19	Spring Break -- NO CLASS		
M 3/20	Intro to paleoanthropology	Ch. 6	
W 3/22	Exam 2		
M 3/27	Trends in primate evolution	Ch. 6	
W 3/29	Early hominins	Ch. 7 (p 189-206)	6 (Fri 3/31)
M 4/3	Early hominins and bipedalism	Ch. 7 (p 206-215)	
W 4/5	Australopiths and early <i>Homo</i>	Ch. 8 (p 217-231)	7 (Fri 4/7)
M 4/10	Film: Dawn of Humanity		
W 4/12	The genus <i>Homo</i>	Ch. 8 (p 231-255)	8 (Fri 4/14)
M 4/17	Archaic hominins & modern human origins	Ch. 9 (p 258-295)	
W 4/19	NO CLASS		9 (Fri 4/21)
M 4/24	Films		
W 4/26	Human variation and race concepts	Ch10 (p 297-310, 321-335)	10 (Fri 4/28)
M 5/1	Modern human adaptation and evolution	Ch10 (p 311-321); Ch. 11 (p 343-360)	11 (Fri 5/5)
M May 8	Exam 3 – 8am to 10:30 am		

¹ I will try to follow this schedule as closely as possible. Changes will be announced in class and posted to TRACs.

² LearnSmart module assignments and due dates (always due at 11:59pm on the date listed)

Lab Schedule

WEEK	LAB
Human Genetics	
Jan 23-27	Lab 1 Inheritance of Physical Traits
Jan 30-Feb 3	Lab 2 Medical Genetics
Human Variation	
Feb 6-10	Lab 3 Human Adaptability
Feb 13-17	No labs
Human Skeletal Anatomy	
Feb 20-24	Lab 4 Osteology Lab
Feb 27-Mar 3	No labs
Mar 6-10	Osteology Quiz
Mar 13-17	No labs (Spring Break)
Nonhuman Primates	
Mar 20-24	Lab 5 Dentition and Taxonomy
Mar 27-Mar 31	Lab 6 Feeding Competition and Adaptations
Apr 3-7	No labs
Fossil Hominins	
Apr 10-14	Lab 7 Characteristics of Fossil Hominins
Apr 17-21	No labs
Apr 25-29	Lab 8 Overview of Human Evolution