

DEPARTMENT OF ANTHROPOLOGY & ARCHAEOLOGY
University of Calgary

ANTH 201.01: Introduction to Primatology and Human Evolution
Spring 2015

Class Time: MW 12-2:45pm

Class Location: EEEL 210

Instructor: Mackenzie Bergstrom

Email: mbergstr@ucalgary.ca

Office Hours (ES 710A): Wednesdays 10:30-11:30am or by appointment

COURSE DESCRIPTION

Our goal for this class is to gain a deeper understanding of the evolutionary origins of the human species. We will explore the biological relationships between humans and other primates to understand how we fit into the natural world. We will also use fossil and archaeological evidence to trace the evolutionary history of ourselves and our closest relatives – both living and extinct.

The course is organized into three major parts. In Part I, we will focus on the fundamental principles of evolutionary theory, genetics and speciation. We will work forward from Charles Darwin's profoundly influential work in the 19th century, through the modern evolutionary synthesis of the 20th century, to our present-day understanding of evolutionary processes informed by modern genetics and population biology. In Part II, we will explore the anatomical, behavioural, and genetic diversity of our closest living relatives, the non-human primates. We will discuss features that distinguish primates from other animals, how they differ from us, and what we can learn from them about our own evolutionary legacy. In Part III, we will explore the diversity of human ancestors as we trace our evolutionary lineage from the earliest hominins to modern humans. We will use fossil, molecular, and archaeological evidence to understand the major developments in human evolution.

REQUIRED TEXT: Boyd, R., and Silk, J.B. (2014) *How Humans Evolved*, 7th edition. New York: W.W. Norton & Company. ***Older editions of the textbook may be used but it is your responsibility to check for differences in content, which is substantial in some areas.*

ATTENDANCE AND COURSE MATERIALS

Students will need to attend class to do well in this course! The textbook material is related and complementary to lecture material. However, lectures are not always tightly tied to the format of the textbook and both need to be mastered to do well on exams. Students should read the text and pay close attention to areas where it overlaps with the lectures. Please read the text to understand broad ideas, theories, and definitions. The text may provide different examples than what is covered in class to supplement your learning and to help to clarify concepts.

Lecture notes: will be posted as 1- and 3-slide PDF handouts on D2L (<https://d2l.ucalgary.ca>) and can be printed before class to assist in note-taking. PPT files will not be posted in all cases due to copyright of figures and photographs. You are responsible for taking your own notes, or for obtaining notes from a classmate if you have to miss a class for unavoidable reasons.

COURSE REQUIREMENTS

Term Test 1 (30%): Monday, June 1st

Term Test 2 (30%): Monday, June 15th

Final Exam (40%): Registrar scheduled, TBA (Date range: June 27; 29-30)

All exams are non-cumulative and held during normal class time. All exams will be in short answer format (e.g., Multiple choice, True/False, Matching). All lecture material will be covered on exams; this includes videos, lectures, discussions, and guest lectures. Again, lectures do not exactly follow the text chapters.

GRADE BREAKDOWN

A+	100-94.9%	B+	84.8-79.9%	C+	70.8-66.9 %	D+	58.8-54.9%
A	94.8-89.9%	B	79.8-74.9%	C	66.8-62.9 %	D	54.8-49.9%
A-	89.8-84.9%	B-	74.8-70.9%	C-	62.8-58.9%	F	49.8% and less

CLASSROOM NORMS

- We will normally take a 5-10 minute break during class, depending on lecture content.
- Check D2L regularly for announcements and updates.
- **Attendance and punctuality**
It is in your own best interest to attend all classes. Please arrive on time so not to disrupt other students. If you arrive late, please sit at the back or along an aisle. If you need to leave early, please notify the instructor before class and sit in a location where you will not disturb other students when you leave.
- **Use of technology: laptops and cell phones**
The most important thing is to be respectful and supportive to other students. Please turn off your cell phones and any other electronic devices. You may use a laptop to take notes, but please sit at the back or along the sides so as to not disturb other students. Please only use your laptops to take notes, and remember that instructors can often tell when you're watching videos, looking at Facebook, etc. If there are problems with the misuse of technology during the term, I reserve the right to change this policy and disallow the use of laptops.
- **Questions and participation**
Engaging with your instructors is an important part of university. Please try your best to actively participate in class and remember – if you are wondering about something, there is a very good chance many other students are as well.
If at any time during the course you do not understand the material, I encourage you to ask me: a) during class (please raise your hand), b) during lecture breaks, c) before or after class, d) via email (allow 2 business days, 48 hrs response time), or e) during office hours. I would like to help you succeed!
- **Exam attendance and conduct**
Use the washroom beforehand. Arrive on time. Bring a pencil, pen, eraser and your student ID. Turn off and put away all electronic devices upon arrival. Turn all hats backwards and remove earphones. You are allowed to have writing utensils, your student ID, tissue and a drink on the table – everything else must be stowed out of sight.

FORMAL ACADEMIC ACCOMMODATIONS

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodations and have not registered with the Student Accessibility Services (SAS), please contact them at 403-220-8237 or access@ucalgary.ca. Students who have not registered with SAS are not eligible for formal academic accommodations. You are also required to discuss your need with your instructor **no more than 14 days** after the start of the course.

ADDITIONAL ACCOMMODATIONS

Missed Exams – Missed tests automatically receive a score of zero. In the event of an emergency or illness, you **MUST** notify the instructor, Mackenzie Bergstrom (mbergstr@ucalgary.ca), or the Anthropology main office (403-220-6516) **BEFORE** the exam, and documentation (e.g., a doctor's note) may be requested before or at the time of the scheduled make-up test. The make-up test, which may not be offered in all cases, will be scheduled no later than 1 week after the exam and may be in a different format (e.g., essay, oral).

Returned Exams – Exam marks will be posted on D2L but exams will not be handed back. Students will be allowed to view both their own exam and the answer key during scheduled office hours, or by appointment. After reviewing the key and your notes, if you feel that you were marked unfairly or that marks were missed on your exam, you can address the concern with the instructor. You may be asked to prepare a short statement explaining the concern. The entire question will then be re-graded and marks adjusted (up or down, as is warranted) at the instructor's discretion.

No accommodation will be made for poor performance on exams. For instance, additional items cannot be submitted in lieu of exams and grades will not be curved. Please be sure that you are well-prepared for exams so that you perform well when you have the opportunity!

COMMUNICATION ETIQUETTE (e.g., email)

- Please use your university account when possible. Otherwise, use an account with an appropriate name (Example of an unacceptable email: sexymama@gmail.com).
- Use a clear subject line that includes the course name/section and the topic of the email such as "ANTH 201.01 Question about my schedule"
- Please be respectful (i.e., not too casual) when addressing me. Use an appropriate greeting (acceptable: "Dear Dr. Bergstrom"; unacceptable: "Hey there" or "What up?"). Please proof-read, spell check and use complete sentences.
- Keep the question(s) short and to the point. Show that you have made an effort to find the answer first in the text and lecture material (or even an outside source). State what you know in relation to what you are having a difficult time understanding.
- Include your full name and student ID in the signature of your email.
- Allow 48 hours for a response, excluding weekends and holidays.

***Please note: I may choose not to respond to emails that do not follow the format outlined above so please be thorough and respectful when addressing me with a concern and in return, I will try my very best to get back to you as soon as possible to accommodate your needs.**

Examples of good and bad email etiquette:

1) Good

Subject: ANTH 311.01 Question about traits

Dear Dr. Bergstrom,

I'm not sure I fully understand the difference between "derived" and "primitive" traits. Based on my understanding, primitive traits must have occurred as far back as a common ancestor of the species being compared. Derived traits can occur anywhere along the ancestral line after the common ancestor, including humans and modern day primates. So, is the difference that derived traits came about after the branching from a common ancestor, whereas primitive traits are there because the common ancestor had them and they have not been lost throughout evolution?

Thank you for your time,

Agood Student (SID# 12345678)

2) Bad (yes, this was an actual email I received at 3pm the day of an exam)

Subject:

what up? i dont get it. what is derived and primitive trate? r u gonna test this? can u get back to me fast cuz the test is today and i need to studddy.

(no name)

ACADEMIC INTEGRITY

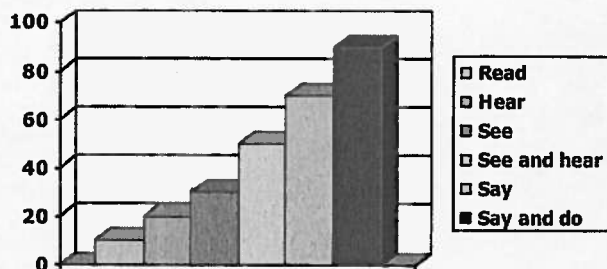
Any single occurrence of cheating, plagiarism, or other variant of academic misconduct upon any single assignment, essay, or examination, can result in disciplinary probation, suspension, or expulsion by the faculty dean. All university-level policies apply to this course. Details of this policy can be found in the University Calendar: <http://www.ucalgary.ca/pubs/calendar>, under "Academic Regulations."

EMERGENCY EVACUATION

In the event that the classroom should need to be evacuated due to an emergency situation please note that the primary assembly point shall be at the ICT Food Court and the Social Sciences Food Court shall be used as a secondary assembly point.

FINAL NOTES FOR SUCCESS

I encourage you to get to know some of your fellow students and study together. Studies show that the average person only retains 10% of the material they READ versus 90% of the material they READ, then RECITE, EXPLAIN OR DEMONSTRATE! (See graph from the U of C Teaching and Learning Centre below):



Thank you for your attention. I am looking forward to a great semester! ☺

ADDITIONAL RESOURCES FOR STUDENTS ENROLLED AT THE U OF C

I would like to highlight the contact information for the U of C campus Safewalk program, as well as the contact information for Campus Security.

Safewalk

Phone: 403.220.4750

Email: safewalk@ucalgary.ca

Website: <http://www.ucalgary.ca/security/safewalk>

Available 24 hours a day/7 days a week/365 days per year

"Safewalk volunteers walk people safely to their destination on campus. This service is free and available to students, staff and campus visitors. Safewalks are done in male/female pairs. The volunteers walk anywhere on campus (including McMahon Stadium, Health Sciences, Student Family Housing, the Alberta Children's Hospital and the University LRT station)."

Campus Security

Phone: 403.220.5333

Email: Campuse.security@ucalgary.ca

Website: <http://www.ucalgary.ca/security/>

"Campus Security works closely with the university community, Calgary Police Service and other agencies to maintain the University of Calgary as a pleasant place to live, work and study. If you have a safety concern or a question about the services Campus Security offers please contact us." Not only does Campus Security provide for on campus emergency service, but also routinely posts campus wide security alerts/bulletins. Campus Security also offers a Working Alone Program that enhances student safety while working alone on campus outside of regular work hours, such as evenings and weekends.

Wellness Centre

370, MacEwan Student Centre,

Phone: 403.210.9355

Open: Monday to Friday 0900-1630 hrs. (Walk-ins stop at 15:30, but subject to demand)

Website: <http://www.ucalgary.ca/uhs/>

"University Health Services provides quality health care and education in a reassuring friendly manner. Its primary focus is centered on students.