

DEPARTMENT OF ANTHROPOLOGY & ARCHAEOLOGY
University of Calgary

ANTH 201 - Introduction to Primatology and Human Evolution
Winter 2018

Class Time: Monday, Wednesday and Friday, 10:00 – 10:50

Class Location: CHC 119

Instructor: Sheila Holmes

Email: holmess@ucalgary.ca

Phone: TBA

Office: **ES 602K**

Office Hours: Wednesday 13:00 – 15:00, or by appointment

COURSE DESCRIPTION

Our goal in this course is to understand the evolutionary origins of the human species. We will integrate perspectives from evolutionary biology with anthropological perspectives on the human lineage. How does evolution work? Who are our closest living relatives and why is it useful to study them? How do humans fit into the natural world, and what do we know about human evolutionary history? The course is organized into three sections that target these questions.

In Section 1, we will cover a brief history of evolutionary theory, the principles of evolution and adaptation, genetics, and speciation. In Section 2, we will learn about the diversity and organization of the taxonomic order of Primates, including their morphology, ecology, social behaviour, mating systems, and cognition. We will discuss how studying non-human primates informs our understanding of human evolution. Finally, in Section 3, we will trace the evolutionary history of the human lineage by examining fossil, molecular and archaeological evidence to understand major developments in human evolution. We will conclude by learning about the behavioural ecology and genetics of modern humans.

COURSE LEARNING OUTCOMES:

Upon completion of this course, students should be able to:

1. Describe the scientific process and how it applies to biological anthropology
2. Explain the mechanisms of evolution
3. Calculate phenotypic and genotypic ratios
4. Describe the phylogeny and behaviour of contemporary primates
5. Explain how the study of living primates contributes to our understanding of human evolution
6. Recognize fossil hominins, be able to describe the changes that occurred in the human lineage since our last common ancestor with apes
7. Explain how these changes likely evolved and their significance for current human life-history characteristics and behaviour

REQUIRED TEXT: *How Humans Evolved* by R. Boyd and J.B. Silk, 8th edition.

Older editions of the textbook may be used but it is your responsibility to check for differences in content.

COURSE REQUIREMENTS

Assignment 1 (2.5%): Due Wednesday, January 31st, 2018

Assignment 2 (2.5%): Due Wednesday, February 28th, 2018

Term test 1 (30%): Monday, February 5th, 2018. Chapters 1 - 4

Term test 2 (30%): Monday, March 12th, 2018. Chapters 5 - 8

Final exam (35%): Registrar scheduled, TBA (Date range: April 16 – 26, 2018). Chapters 9 - 15

There will be two assignments in this class. Both assignments will be completed using Top Hat (see below). Assignment 1 will be based on material from Section 1 of the course, and will offer the opportunity for students to practice the calculations we cover in that section. Assignment 2 will be based on material from Section 2 of the course, and will relate to an in-class activity from that section, as well as material from the lectures and textbook. The assignments are designed to help students interact with the course material. Because they are automatically graded by Top Hat, students must follow directions carefully.

Term tests 1 and 2 will be **non-cumulative** and held during normal class time. The final exam will be non-cumulative and will be scheduled by the Registrar during the final exam period. Exams will use varied question types (e.g., multiple choice, matching, true/false, short answer, computational). All lecture material (lectures, videos, discussions, and guest lectures) and assigned textbook chapters covered during each section are testable material. The textbook material is related and complementary to lecture material. Although lectures are not always tightly tied to the format of the textbook, both need to be mastered to do well on exams. Unless I specifically point out sections that will not be tested, all chapters listed as reading material in the class schedule are testable material.

TOP HAT

Accessing Top Hat: I will use Top Hat in class and for the assignments. Students need to make a profile via tophat.com. If you have not already done so, use your ucalgary email address when registering for Top Hat and make your username your name (not a nick name or initials). If you have previously made a ucalgary profile with Top Hat, you can continue using that account. Use the **JOIN CODE 670258** to find this course. You should NOT be prompted to pay for anything, as the U of C has a campus subscription. During class, you can answer questions in real time by logging into to your account via web browser, using the Top Hat app, or texting (SMS) question codes and answers to: +1 (647) 931-6504.

Additional Top Hat support for students is available at: <https://support.tophat.com/hc/en-us/categories/200000744-Student-Orientation>.

GRADING SYSTEM

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

COURSE POLICIES

- Check your course page on D2L regularly for announcements and updates.
- **Lecture notes:** I will post lecture slides on our class's D2L page before lectures. This may not happen for guest lectures, although in those cases slides will be posted after the lecture. For my lectures, posted slides may have some details or images missing, due to copyright on photos or figures, to make file sizes smaller, and to encourage you to take notes. You are responsible for taking your own notes, or for obtaining lecture notes from a classmate if you have to miss a class for an unavoidable reason. **You do not have permission to audio or video record lectures, or take photos of slides during class unless special accommodations are in place.**

- **Attendance and punctuality:** Please arrive on time so as not to disrupt other students. 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.
- **Laptops and cell phones:** The most important consideration in the use of technology is to be respectful and supportive of other students. Put cell phones on silent, and do not use phones during class except to access Top Hat. You may only use a laptop to take notes and access Top Hat. Remember that if you are using your laptop or phone for any other purpose you are distracting the people behind you. 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.
- **Test/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. You cannot have cell phones, electronic devices or notes of any kind in your pockets. You are allowed to have writing utensils, your student ID, earplugs, tissue and a drink on the table – everything else must be stowed out of sight. Hats must be turned backwards, and earphones removed. You must remain seated for the first 25 minutes of the exam, and the last ten minutes of the exam (if you are still present) to minimize disturbance.
- **Missed Exams:** Missed tests automatically receive a score of zero. In the event of an emergency or illness, you **MUST** notify the instructor, Sheila Holmes (via email), or the Anthropology main office (403-220-6516) **as soon as possible** and provide documentation (e.g., a doctor's note) will be requested before or at the time of the scheduled deferred exam.
- **Deferred Exams:** A student who is absent from a test for legitimate reasons must discuss an alternative course of action with the instructor. The instructor at their discretion may transfer the percentage weight for the test to the final examination, if there is a final examination in the course, set another test, etc. An instructor will normally make this decision on the basis of verbal information provided by the student. In the event that an instructor feels that they cannot judge the veracity of the information provided, students must be aware that they are responsible for payment of any charge associated with the medical assessment and documentation as this service falls outside the realm of services provided by the Provincial Health Care Plan. Deferral of the registrar scheduled final exam requires Registrar approval.
- **Reviewing Exams** – Exam marks will be posted on D2L but exams will not be handed back. Students will be allowed to view their exam and the answer key during scheduled office hours, or by appointment. After reviewing the key and your class notes, if you feel that you were marked unfairly or that marks were missed on your exam, you need to send an email to the instructor that includes a detailed statement explaining your concern. I will then contact you to address your concerns. I will not meet with you about these issues unless I first have a copy of your concerns in writing. 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.* Please be sure that you are well prepared for exams so that you perform well when you have the opportunity!
- **Course communication:**
 - **Course content questions:** I am happy to have students ask questions before, during and after class, and during office hours. I will likely ask you to come and see me during office hours if these questions require lengthy answers (especially for questions asked over email). If questions come up that the entire class would benefit from clarification on, I reserve the right to share answers with the class via email, D2L or during lecture.
 - **Email etiquette:** Please use your university account when communicating with me. Otherwise, use an account with an appropriate name. Use a clear subject line that includes the course name/section and the topic of the email such as "ANTH 201 Question about my schedule". Keep your email short and to the point, but use complete sentences and full words. **This is a professional email, not a text!** If your email regards course content, 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. 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.

ACADEMIC ACCOMMODATIONS

<http://www.ucalgary.ca/access/accommodations/policy>

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the instructor of this course.

ACADEMIC INTEGRITY

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Calgary is a strong signal of each student's individual academic achievements. As a result, the University treats cases of cheating and plagiarism very seriously. Non-academic integrity also constitutes an important component of this program.

For detailed information on what constitutes academic and non-academic misconduct, please refer to the following link: <http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

All suspected cases of academic and non-academic misconduct will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

Where there is a criminal act involved in plagiarism, cheating or other academic misconduct, e.g., theft (taking another student's paper from their possession, or from the possession of a faculty member without permission), breaking and entering (forcibly entering an office to gain access to papers, grades or records), forgery, personation and conspiracy (impersonating another student by agreement and writing their paper) and other such offences under the Criminal Code of Canada, the University may take legal advice on the appropriate response and, where appropriate, refer the matter to the police, in addition to or in substitution for any action taken under these regulations by the University

TEACHING EVALUATIONS / USRIS (Universal Student Ratings of Instruction)

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRIS) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. Your responses make a difference, please participate!
Website: <http://www.ucalgary.ca/usris>

Writing Across the Curriculum

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, members of faculty can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Support, part of the Student Success Centre, can be utilized by all undergraduate and graduate students who feel they require further assistance

Emergency Evacuation Assembly Points: In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class:
<http://www.ucalgary.ca/emergencyplan/assemblypoints>

Freedom of Information and Protection of Privacy Act:

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternative arrangements with the course instructor early in the term.

Safewalk Information: Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Faculty of Arts Program Advising and Student Information Resources: Have a question, but not sure where to start? Arts Students' Centre

The Faculty of Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance that they require.

In addition to housing the Associate Dean, Undergraduate Programs and Student Affairs and the Associate Dean for Teaching and Learning, the Arts Students' Centre is the specific home to:

- program advising
- the Faculty's Co-operative Education Program
- the Arts and Science Honours Academy
- the Faculty's Interdisciplinary Programs
- a Student Help Desk

Location: Social Sciences Room 102

Phone: 403.220.3580

Email: ascarts@ucalgary.ca

Website: arts.ucalgary.ca/undergraduate/

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block. Contacts for Students Union Representatives for the Faculty of Arts:

arts1@su.ucalgary.ca

arts2@su.ucalgary.ca

arts3@su.ucalgary.ca

arts4@su.ucalgary.ca

Ombudsman's office: <http://www.ucalgary.ca/ombuds/>