

DEPARTMENT OF ANTHROPOLOGY & ARCHAEOLOGY
University of Calgary

ANTH 201.01 - Introduction to Primatology and Human Evolution
Winter 2016

Class Time: Tuesdays and Thursdays, 9:30 – 10:45am

Class Location: ES 162

Instructor: Stephanie Fox

Email: safox@ucalgary.ca

Phone: +1 403 220 6951

Office: ES 710A

Office Hours: Tuesdays 11am – 12pm

or email for appointment

TA: Amy Rudkowski

Email: akrudkos@ucalgary.ca

Office hours: Thursdays 12-2pm, room ES 722



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 Part 1, we will cover a brief history of evolutionary theory, the principles of evolution and adaptation, genetics, and speciation. In Part 2, we will learn about the diversity and organization of the Order 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 Part 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 behavioural ecology and genetics of modern humans.

REQUIRED TEXT: *How Humans Evolved* by R. Boyd and J.B. Silk, 7th edition, 2015. *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.

COURSE REQUIREMENTS

Term test 1 (30%): Thursday, February 4th, 2015

Term test 2 (30%): Tuesday, March 15th, 2015

Final exam (30%): Registrar scheduled, TBA (Date range: April 16-27th)

Participation (10%): Participation grades will be collected during lectures via Top Hat Monocle

Term tests 1 and 2 are non-cumulative and held during normal class time. The final exam is non-cumulative but will be scheduled by the Registrar during the final exam period. Exam questions will be a combination of multiple choice, matching, and short answer questions. 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 MONOCLE

Participation will be graded using Top Hat Monocle (aka. Top Hat), a web-based platform through which students can answer questions using your smartphone, laptop, tablet, or via text message from a cell phone (SMS) during lecture. If you do not have any of these devices, you can also write your answer on a piece of paper, and submit this to me at the time. There will be a specified time frame during which answers can be submitted (e.g. 2 minutes after the question is asked), and no late answers will be accepted. Question types can include multiple choice, matching, short answer, and numeric answer. I will not collect participation grades during films or guest lectures. Thus participation marks from the remaining lectures will be worth approximately 0.5% per lecture of your overall grade. This may not seem like very much, but this is an excellent way to boost your grade with little effort. I will typically ask 2 or more questions during class, and in some cases you will need to answer the question correctly in order to gain the participation point.

Accessing Top Hat: You need to make a profile with Top Hat 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 eg. StephanieFox not SAF), or else I may not be able to correctly match Top Hat grades to the correct student in my D2L grade book. If you have previously made a profile with Top Hat, you can continue using that account. Use the **JOIN CODE 663585** 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 you can text (SMS) questions 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>.

COURSE POLICIES

- Check our course page on D2L regularly for announcements and updates.
- **Lecture notes:** I will post lecture slides as 1- and 3-slide PDF handouts on our class's D2L page before lectures. This may not happen for guest lectures, although in this case 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. Your TA is not responsible for catching you up on missed materials. **You do not have permission to audio or video record lectures, or take photos of slides during class.** If there is a reason you need to record lectures, please discuss this with me and I will provide you with written permission to record lectures. If you have recorded lecture material, you do not have the right to distribute it in any form.
- **Attendance and punctuality:** Please arrive on time so as not to disrupt other students. This will be particularly important in our classroom because the entrances are at the front of the class. 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 thing when considering use of technology is to be respectful and supportive of other students. Put cell phones on silent, and do not use phones during class. You may only use a laptop to take notes. Remember that if you are using your laptop for any other purpose you are distracting the people behind you and being disrespectful to me (yes, I can often tell when you're watching videos, iMessaging, 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.
- **Test 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). Because our classroom is nearly at capacity and there is little room for bags and coats, please try and bring as few belongings as possible to term tests.

- **Missed Exams** – Missed tests automatically receive a score of zero. In the event of an emergency or illness, you **MUST** notify the instructor, Stephanie Fox (via email or phone), or the Anthropology main office (403-220-6516) **BEFORE** the exam, and documentation (e.g., a doctor’s note) will 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.
- **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 (**not** your TA) 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.* 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!
- **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, we reserve the right to share answers with the class via email, D2L or during lecture.
 - **Email etiquette:** Use your university account when communicating with myself or your TA. Otherwise, use an account with an appropriate name (e.g. firstname.lastname@gmail.com NOT hotbaby2049283@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”. Keep your email short and to the point, but use complete sentences and proper grammar. **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. **We may choose not to respond to emails that do not follow the format outlined above** so please be thorough and respectful when addressing me or the TA with a concern and in return, we will try our very best to get back to you as soon as possible to accommodate your needs.

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.

ACADEMIC INTEGRITY

I have a **ZERO TOLERANCE POLICY**. Any single occurrence of cheating, plagiarism, or other variant of academic misconduct upon any single assignment, essay, or examination, can result in a grade of 0, 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.”

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

ADDITIONAL RESOURCES FOR STUDENTS ENROLLED AT THE UNIVERSITY OF CALGARY

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, instructors can and may use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Student Accessibility Services Accommodations

Student Accommodations. Students needing an Accommodation because of a Disability or medical condition should contact Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities available at http://www.ucalgary.ca/policies/files/policies/procedure-foraccommodations-for-students-with-disabilities_0.pdf.

It is the responsibility of the student to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with Student Accessibility Services, please contact their office at (403)220-8237.

Students who have not registered with Student Accessibility Services are not eligible for formal academic accommodation. Students are also required to discuss their needs with the instructor no later than fourteen (14) days after the start of the course.

Academic Misconduct

Academic dishonesty is an unacceptable activity at the University of Calgary and students are strongly advised to read the Student Misconduct section of the University Calendar. Quite often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are:

- 1) Presenting another student's work as your own
- 2) Presenting an author's work or ideas as you own without proper referencing
- 3) Using work completed for another course

This activity will not be tolerated and students conducting themselves in this manner will be dealt with according to the procedures outlined in the University Calendar.

For detailed information on what constitutes academic misconduct, please refer to the following link:

<http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

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>

USRI

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) 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/usri/>

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/secretariat/system/files/foip%20overview.pdf>

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 alternate 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? The new Faculty of Arts Program Information Centre (PIC) is your information resource for everything in Arts! Drop in at SS110, call us at 403-220-3580 or email us at artsads@ucalgary.ca. You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.
- For program planning and advice, contact the Student Success Centre (formerly the Undergraduate programs Office) at (403) 220-5881 or visit them in their new space on the 3rd Floor of the Taylor Family Digital Library.
- 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.

Contact 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

Tentative Lecture Schedule:

Date	Day	Lec. #	Lecture Material and Tests	Text Chapter
Section 1: How Evolution Works (7 lectures)				
Jan. 12	Tues.	1	Course Mechanics + Introduction to Bio Anth	Prologue
Jan. 14	Thurs.	2	Adaptation and Natural Selection	1
Jan. 19	Tues.	3	DNA, Inheritance and Mendelian Genetics	2
Jan. 21	Thurs.	4	The Modern Synthesis	3
Jan. 26	Tues.	5	Speciation	4
Jan. 28	Thurs.	6	Taxonomy and Phylogeny	4
Feb. 2	Tues.	7	<i>Film: Charles Darwin and the Tree of Life (BBC)</i>	-
Feb. 4	Thurs.	-	Term Test 1: How Evolution Works	-
Section 2: Primate Ecology and Behaviour (8 lectures)				
Feb. 9	Tues.	8	What are Primates	5
Feb. 11	Thurs.	9	<i>Film: Life of Primates (BBC)</i>	-
Feb. 16	Tues.	-	Reading Week	-
Feb. 18	Thurs.	-	Reading Week	-
Feb. 23	Tues.	10	Primate Taxonomy + Survey of the Living Primates	5
Feb. 25	Thurs.	11	Survey of the Living Primates + Primate Ecology	5
Mar. 1	Tues.	12	Primate Mating Systems, Human Mating Systems	6, 15
Mar. 3	Thurs.	13	Kinship and Cooperation	7
Mar. 8	Tues.	14	Primate Life Histories and Cognition	8
Mar. 10	Thurs.	15	<i>Guest Lecture</i>	-
Mar. 15	Tues.	-	Term Test 2: Primate Ecology and Behaviour	-
Section 3: Human Evolution (8 lectures)				
Mar. 17	Thurs.	16	The Fossil Record + Bipedalism + Earliest Hominins	10
Mar. 22	Tues.	17	The Australopithecines	10
Mar. 24	Thurs.	18	Tool Use and Human Life History	
Mar. 29	Tues.	19	<i>Film: Becoming Human Part 2: The Birth of Humanity (NOVA)</i>	11
Mar. 31	Thurs.	20	The Genus <i>Homo</i>	12
Apr. 5	Tues.	21	Evolution of Archaic <i>Homo</i>	12
Apr. 7	Thurs.	22	Evolution of Anatomically Modern Humans	13
Apr. 12	Tues.	23	Human Behavioural Ecology and Genetics	14 & 15
Final Exam- DATE IS TBA, scheduled by the registrar during final exam period				