

DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY
University of Calgary
ANTHROPOLOGY 201
Winter 2017

Introduction to Primatology and Human Evolution

Time: Tues/Thurs 15:30- 16:45

Class location: SB103

Instructor: Ana Morales
Office: ES 602K
Tel: (403) 220-5699
Email: aymorale@ucalgary.ca
Office hours: Tuesdays 11am -
12:30pm or email for appointment

Teaching Assistant: Lais Pacheco
Email: lais.pacheco@ucalgary.ca
Office hours: Fridays 3 – 4:30 pm,
room ES 722.

COURSE DESCRIPTION:

This course will provide the fundamentals to understand the evolutionary origins of the human species. We will integrate evolutionary biology with anthropological perspectives. How does evolution work? How do humans fit into the natural world? Why do we share so much in common with the great apes and what might this tell us about who we are today? What can we learn from the skeletal remains of prehistoric people? This course will address these questions by separating topics into three sections.

In the first section, we will begin with the history of evolutionary thought, focusing on the theoretical backgrounds for the development of modern evolutionary synthesis. Evolutionary theory is necessary to understand the basis of human evolution research. In the second part, we will explore the living members of the Order Primates, explaining primate characteristics, taxonomy, behaviors, and diversity. In the third part, we will study the evidence for human evolution, and the major developments in the evolution of our species. We will focus on our ancestor's fossils and current human phylogeny considering skeletal biology, ancient DNA, and genetics.

Textbook required: A Human Voyage, A.Keenlyside and R.Lazenby, 2nd Edition, 2015.

Older edition 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 2nd February, 2017.

Term test 2 (30%): Thursday 9th, March, 2017.

Final exam (30%): Registrar scheduled, TBA (Date range: April 15-26, 2017).

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

Term tests 1 and 2 will be non-cumulative and held during normal class time. The final exam will be non-cumulative but will be scheduled by the registrar during the final exam period – it is your responsibility to check this schedule. Neither test is cumulative, however concepts discussed in the first portion of the class WILL be important for understanding concepts discussed in the second section of the class. Exams can be a combination of multiple choices, matching, true and false, etc. The textbook material is related and complementary to lecture material, however we will also cover some material in class that is not tightly tied to the textbook. Both lecture material and textbook readings will be tested, unless I specifically point out textbook sections that will not be tested. All lecture material (lectures, videos, discussions, and guest lectures) and assigned textbook chapters covered during each section are testable material.

Participation grades will be collected during lectures via Top Hat Monocle. Each lecture will be approximately (but not exactly) equal in weighting. At the end of the semester, 10 participation marks (approximately 4 lectures worth of marks) will be dropped, to accommodate the possibility that students miss a lecture due to illness/family emergency etc. Students will be able to achieve a maximum of 100% on participation.

TOP HAT MONOCLE

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 sure your Top Hat name is the same name you use for your U of C student account, 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 304270 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 or using the Top Hat app. Students can also text in answers (SMS) +1 (647) 931-6504 (In case of poor WiFi or older phones).

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 single and as 3-slide PDF handouts on our class's D2L page before lectures. This may not happen for guest 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. 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 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 and being disrespectful to me (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 ban 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 30 minutes of the exam, and the last ten minutes of the exam (if you are still present).

- **Missed Exams** – Missed tests automatically receive a score of zero. In the event of an emergency or illness, you **MUST** notify the instructor (via email) 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** – Exams 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 can send an email to me (must wait one day after reviewing your test) with a detailed statement explaining your concern. The entire question will then be re-graded and marks adjusted (up or down, as is warranted). *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:**
 - **Office Hours:** I enjoy having visitors during my office hours and am happy to schedule additional times as necessary. These hours are yours and I encourage you to take advantage of them, whether you are having difficulty with some aspect of the course, or if you would like to discuss in greater detail something that was touched on in class. 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 CHECK THE SYLLABUS BEFORE EMAILING ME, often the answers can be found here. 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 Question about primate taxonomy". 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. **I may not to respond to emails that do not follow the format outlined above** so please be thorough and respectful when writing your email and in return, I will try my best to get back to you as soon as possible to accommodate your needs.

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

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 "(Instructor) (Associate Dean) (Department Head) (other designated person)"

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. 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>

All suspected cases of academic dishonesty 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.

TEACHING EVALUATIONS / USRI (Universal Student Ratings of Instruction)

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/>

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.

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

Lecture Schedule:

These dates are tentative and subject to change

Date	Day	Lec. #	Topic	Text Chapter
Section 1: How Evolution Works (7 lectures)				
Jan. 10	Tues.	1	Introduction to the course	1
Jan. 12	Thurs.	2	History of Evolutionary Theory and Natural Selection	2
Jan. 17	Tues.	3	DNA, Mendelian Genetics, and Inheritance	3
Jan. 19	Thurs.	4	The Modern Synthesis & Evo devo	4
Jan. 24	Tues.	5	Mechanisms of evolution	4
Jan. 26	Thurs.	6	Speciation, Taxonomy and Phylogeny	4
Jan. 31	Tues.	7	<i>Film: Charles Darwin and the Tree of Life</i>	-
Feb. 2	Thurs.	-	Term Test 1: How Evolution Works	-
Section 2: Primate Ecology and Behaviour (7 lectures)				
Feb. 7	Tues.	8	Introduction to the Primates	5
Feb. 9	Thurs.	9	<i>Film: Life of Primates (BBC)</i>	-
Feb.14	Tues.	10	A Survey of the Living Primates	5
Feb. 16	Thurs.	11	Primate Socioecology	6
Feb. 21	Tues.	-	Reading Week	-
Feb. 23	Thurs.	-	Reading Week	-
Feb. 28	Tues.	14	Primate Social Behaviour and mating system	6
Mar. 2	Thurs.	15	Primate Evolution-fossil record	7
Mar. 7	Tues.	16	<i>Guest Lecture</i>	-
Mar. 9	Thurs.	17	Term Test 2: Primate Ecology and Behaviour	-
Section 3: Human Evolution (9 lectures)				
Mar. 14	Tues.	16	The Earliest Hominins	8
Mar. 16	Thurs.	17	The Australopithecines	9
Mar. 21	Tues.	18	Tool Use and Human Life History	9
Mar. 23	Thurs.	19	The Genus <i>Homo</i>	10
Mar. 28	Tues.	20	Evolution of Archaic <i>Homo</i>	11
Mar. 30	Thurs.	21	<i>Film: "Alien from earth" NOVA</i>	-
Apr. 4	Tues.	22	Evolution of Anatomically Modern Humans	12
Apr. 6	Thurs.	23	Modern Human Behavioural Ecology and Genetics	13-14
Apr. 11	Tues.	24	Ancient DNA analysis and current knowledge of Modern Humans Evolution	15
Final Exam- Human Evolution. Date is TBA, scheduled by the registrar during final exam period.				