

ANTH 201.02 Winter 2014

**INTRODUCTION TO PRIMATOLOGY & HUMAN EVOLUTION**

**Time:** TR 14:00 – 15:15

**Location:** ST 148

**Instructor:** Dr. Lisa Corewyn

**Office:** ES 834

**Office hours:** MWF 13:00-14:30, or by appointment

**Office telephone:** 403-220-8190

**Email:** lccorewy@ucalgary.ca

**Teaching Assistant:** TBA

**Office:** ES 722

**Office hours:**

**Email:**



A handwritten signature in black ink, appearing to be 'L. Corewyn'.

**Required Text:**

Boyd, R., & Silk, J. 2012. How Humans Evolved, 6<sup>th</sup> Edition. W.W. Norton & Company: New York.

**Course Description:**

This course provides an introduction to the many subfields of physical, or biological, anthropology, which concerns the biological evolution of the human species. This course will provide students with the opportunity to explore how humans have evolved over several million years, with a goal of understanding the place of humans and our closest relatives in the natural world. The course begins with an introduction to evolutionary principles and processes, the unifying theme of modern biology. We will discuss the history of evolutionary thought and how evolutionary theory has developed through the 20<sup>th</sup> century. This will include a brief overview of the genetic mechanisms that underlie biological diversity and adaptation. We then examine the Order Primates by reviewing nonhuman primate taxonomic groupings and how their diversity in morphology, ecology, and social behavior makes our closest living relatives unique among mammals. Finally, we will chart the fossil record of human evolution and focus on the biological, behavioral, and cultural developments through hominin history.

**Course Requirements:**

Evaluation for this course will include one midterm and one final exam. Exams are **not** cumulative. Both exams will be multiple choice format, and will be based on lecture material, textbook readings, and films.

**Midterm exam**            **50%**    Feb 25<sup>th</sup> (lectures, readings, films from Jan 9- Feb 13)

**Final exam**            **50%**    Registrar scheduled – Apr. 17<sup>th</sup>; 19-29<sup>th</sup> (lectures, readings, films from Feb 27 – Apr 10)

**NOTE:** Students are responsible for materials covered in lecture, the textbook, as well as films shown in class.

**Final course grades will be assigned as follows:**

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

**IMPORTANT**

An outline of the lecture notes will be posted on Blackboard prior to class, and students are encouraged to print these and bring them to class to assist with handwritten note-taking. Note that the posted notes are not sufficient without attending lectures. Exams will be based on all material covered in class, including lectures presented, class discussion, questions and answers, and films. Any classroom materials missed due to absenteeism are the sole responsibility of the student.

Although related and generally complementary, the material in the textbook is not tightly integrated with the lectures. These should be considered two separate sets of information, both of which must be mastered for the exams. Note to pay special attention to areas in the textbook that overlap with class lectures.

**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 accommodation, please register with the Disability Resource Centre at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodations. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

**Classroom Behavior**

It is expected that each student will behave with courtesy and respect toward others. To maintain a distraction-free environment during the class period, the instructors request that you 1) **turn off cell phones** prior to class and place them in a bag, pocket, or under your desk; 2) **do not carry on conversations while the instructor is speaking**; 3) **avoid late arrivals and early departures** (if you must depart class early, please notify the instructor in advance if possible). If you use a laptop during class, please refrain from any activities unrelated to class, including emailing, web browsing, playing games, etc. Please minimize disruption to your fellow students by sitting at the back or on the classroom periphery. If the use of a laptop becomes too distracting to the class, you will be asked to turn off the computer and use a paper notebook for the remainder of lectures. It is also rude and unacceptable to sleep during class. Relevant interruptions with questions or comments are welcome by raising your hand and

sharing with the class. You may also email questions which will be answered in the next lecture. All email inquiries about quizzes or exams will be answered in class.

### **Exams**

Exam security is taken very seriously. Since exams will be taken in class where students often must sit close together, please be aware that wandering eyes could lead to suspicion. Keep your eyes on your own exam or to the front of the room. Also, cover your own exam to stop others from being tempted to look at it. Please remain seated during exams until you can leave the row you are sitting in without disturbing others. If you are caught cheating, your exam will be taken and a grade of zero will be given automatically.

Students are strongly urged to take all exams on their scheduled times and dates. Missed exams will automatically receive a score of zero. Accommodation for missed exams will be made at the instructor's discretion in the event of a **documented** emergency (e.g. hospitalization). In the event of an emergency or illness, you **MUST** notify the Anthropology Department office (220-6516) or the instructor **BEFORE** the exam, and documentation **MUST** be provided before a makeup exam will be considered. Failure to follow these guidelines will result in an exam score of zero. Note that performance on makeup exams is typically lower than those taken with the class.

**Exams will not be returned to students.** Exam scores will be posted on Blackboard. If you would like to consult your exam, you may come to our posted office hours, or make an appointment. If, after consulting the key, your notes, and the text, you still have concerns about the grading of your exam, you will be asked to provide a detailed written statement outlining your concerns. Your exam will then be re-graded in its entirety, and scores will be raised, lowered, or left unchanged as warranted. Deadline for submission of written statement is one week after the results of an exam has been posted.

*No special arrangements will be made following a poor performance on an exam.* For example, we cannot change the weighting of the exams, allow retakes, or accept alternate assignments in lieu of an exam. Please prepare in advance to ensure satisfactory exam performance as no changes will be made after the exam.

### **PLAGIARISM AND CHEATING**

Plagiarism: "to steal and pass off the ideas or words of another as one's own" (Webster's). Plagiarism will not be tolerated and will automatically result in a failing grade for the submission. Any student caught plagiarizing will also be subject to additional University sanctions. Students are expected to be familiar with the Anthropology Department's policy on intellectual honesty, available at: <https://www.anth.ucalgary.ca/home/links/intellectual-honesty-guidelines>

### **EMERGENCY EVACUATION**

In the event that the classroom should need to be evacuated due to an emergency, please note that the primary assembly point shall be the Professional Faculties Food Court, and the secondary assembly point shall be the Education Block Food Court.

### **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 ([www.ucalgary.ca/usri](http://www.ucalgary.ca/usri)). Your responses make a difference - please participate in USRI Surveys.

## TENTATIVE SCHEDULE

Subject to change – announced deviations may be necessary to meet the needs of the class. Students should be familiar with assigned chapter material prior to each scheduled class.

<u>Week</u>	<u>Date</u>	<u>Topic</u>	<u>Text Readings</u>
-------------	-------------	--------------	----------------------

Part I: Introduction to Evolutionary Theory

1	Jan 9	Introduction/Overview anthropology	Ch 1
2	Jan 14-16	Evolutionary theory	Ch 2
3	Jan 21-23	Inheritance/Genetics	Ch 3
4	Jan 28-30	Micro/Macroeolution	Ch 4, 5

Part II: Introduction to Nonhuman Primates

5	Feb 4-6	Intro primates	Ch 6
6	Feb 11-13	Primate taxonomy	
7	<b>Feb 18-20</b>	<b>Reading Week **NO LECTURES</b>	
8	<b>Feb 25</b>	<b>Midterm Exam</b>	
8	Feb 27	Primate taxonomy/Ecology	
9	Mar 4-6	Primate behavior	Ch 7
10	Mar 11-13	Primate behavior/Conservation	

Part III: Introduction to Human Evolution

11	Mar 18-20	Geologic time/Fossils/Primate origins	Ch 8
12	Mar 25-27	Primate origins/Hominid origins	Ch 9
13	Apr 1-3	Hominid origins/Early <i>Homo</i>	Ch 10, 11
14	Apr 8-10	Premodern humans/Modern humans	Ch 12
<b>Apr. 17; 19-29</b>		<b>Registrar Scheduled FINAL EXAM (location &amp; time TBA)</b>	