

**Anthropology 201.2**  
**Introduction to Primatology and Human Evolution**

**Time:** Monday, Wednesday, Friday, 10:00 - 10:50 a.m.

**Location:** ICT 122, find it here: <http://www.ucalgary.ca/map/interactive>

**Instructor:** Dr. Eva Wikberg

**Office:** ES 710A

**Tel:** 403-220-6951

**Email:** [evacarolina.wikberg@ucalgary.ca](mailto:evacarolina.wikberg@ucalgary.ca)

**Office Hours:** Monday 1:00 p.m. to 2:00 p.m. and Fridays 1:00 p.m. to 2:00 p.m.

**Teaching assistant:** Kayla Hartwell

**Office:** ES 614

**Email:** [kshartwe@ucalgary.ca](mailto:kshartwe@ucalgary.ca)

**Office Hours:** Wednesday 12:00 p.m. to 2:00 p.m.

**Required text:** *How Humans Evolved* by R. Boyd and J.B. Silk, 7th edition, 2014.

This edition differs from earlier editions. If you use an earlier edition, it is your responsibility to ensure that the information you read is up to date.

**Course description**

This course explores the evolutionary history of human and nonhuman primates. To understand how primates have changed over time and what caused these changes, the course reviews fossil, genetic and archeological records from extinct primates and the biology of living primates. The first part of the course concentrates on evolutionary theory, and how selection can lead to the emergence of new species. The second part of the course introduces theories of primate evolution, traits that characterize primates, and taxa within the primate order. The third part of the course focuses on human evolution, from hominoids to modern humans, and the conclusions we can draw from archeological, fossil, and genetic evidence.

**Course objectives**

Students will gain a basic understanding of evolutionary theory and how selection have led to the emergence of primate traits and species. The students will learn about different theories regarding primate evolution and what traits are considered part of the primate pattern. The students will also become familiar with extant and extinct taxa of human and non-human primates and their characterizing features. At the end of the course, the students will know how humans fit into the primate family tree and how humans evolved. To meet these objectives, the students have to do the assigned readings, attend lectures, and familiarize themselves with the material presented in the fossil and fossil cast lab.

### Course requirements

Test	Date	% overall grade
Midterm exam 1	Feb 06	30%
Midterm exam 2	Mar 16	30%
Final exam	Scheduled by the registrar (Apr 18-29)	40%
In-class exercises	Unannounced	0.5% bonus each

The exams are non-cumulative and will include multiple-choice questions. The exams will include material covered in lectures, assigned textbook readings, films, and discussions during lectures.

There will be a few in-class exercises, which are not graded or returned to the students. These exercises must be handed in before the class ends, and there will be no make-up exercises for those who missed the class. For each in-class exercise you submit, you will get an additional 0.5% added to your final grade.

### 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 below

### Course schedule

These dates are tentative and subject to change.

Date	Topics	Chapter
Jan 12	Introduction to the course	Prologue
Jan 14	Evolutionary theory and natural selection	1
Jan 16	Evolutionary theory and natural selection	
Jan 19	Film <i>Charles Darwin and the tree of life</i>	
Jan 21	Mendelian genetics, DNA, and inheritance	2
Jan 23	Mendelian genetics, DNA, and inheritance	
Jan 26	The modern synthesis	3
Jan 28	The modern synthesis	
Jan 30	Speciation	4 (p. 81-91)
Feb 02	Phylogenetics and taxonomy	4 (p. 91-108)
Feb 04	Phylogenetics and taxonomy	
Feb 06	<b>Midterm exam 1</b>	
Feb 09	Introduction to the primates	5 (p. 109-117)
Feb 11	Film <i>BBC Life - Primates</i>	
Feb 13	Introduction to the primates	
Feb 16	<b>No class: Reading week</b>	
Feb 18	<b>No class: Reading week</b>	
Feb 20	<b>No class: Reading week</b>	
Feb 23	A survey of the living primates	5 (p. 117-125)

Feb 25	A survey of the living primates	
Feb 27	Primate socioecology	5 (p. 126-136)
Mar 02	Primate mating systems	6
Mar 04	Evolution of primate social behaviour	7
Mar 06	Evolution of primate social behaviour	
Mar 09	Primate cognition	8
Mar 11	The primate fossil record	9
Mar 13	The primate fossil record	
Mar 16	<b>Midterm exam 2</b>	
Mar 18	The earliest hominins	10 (p. 237-247)
Mar 20	The Australopithecines	10 (p. 248-265)
Mar 23	The Australopithecines	
Mar 25	Film <i>Becoming human, part 1</i>	
Mar 27	Emergence of the genus Homo	12 (p.291-305)
Mar 30	Emergence of the genus Homo	
Apr 01	Tool use and the origins of human culture	11
Apr 03	<b>No class: Good Friday</b>	
Apr 06	Archaic humans	12 (p. 306-328)
Apr 08	Modern humans	13
Apr 10	Modern humans	
Apr 13	Evolution of modern human behaviour	15
Apr 15	Evolution of modern human behaviour	
Apr 18-29	<b>Final exam scheduled by the registrar</b>	

## Course policies

### *Classroom behaviour and norms*

- Please be respectful to your fellow students and try to minimize distractions and disruptions during lectures. This includes coming to class on time; refrain from talking while the instructor is speaking; and set cell phones and other mobile devices to silent mode and do not use them during class. Laptops may be used but only for note-taking. If you use a laptop to take notes, please sit near the back or sides so that your screen does not distract those sitting behind you.
- If you have questions during the lecture that are relevant to other students, you are welcome to raise your hand and share with the class.
- I will post the lecture slides on Desire2Learn (<https://d2l.ucalgary.ca/>) before class in PDF-handout format. I strongly recommend that you make use of these for note-taking. Due to copyright restrictions, some photos will be removed from the posted slides. The lecture slides only contain key points that I will explain in greater detail during lectures. Therefore, going to lectures is important to gain a full understanding of the material. Remember that all lecture content, including material not written on the slides, is testable.
- If you miss a class, it is your responsibility to obtain notes from a classmate.

### *Exam policies*

- Any missed exam will receive a score of zero. Accommodations for serious emergencies or illnesses can be made with prior notification to the instructor or the Anthropology main office (403-220-6516). In all such cases, documentation (e.g., a signed doctor's note) must be provided. If you fail to follow these guidelines, you will receive an exam score of zero. Make-up exams will not always be offered and may be in a different format, including an oral examination.
- I will not make special arrangements following poor performance on an exam. There will be no alternate coursework, retakes, etc.
- I will post exam grades on D2L as quickly as possible. The exams will not be returned to students. You can view your exam and the answer key during scheduled office hours or by appointment.
- If you believe that your exam is incorrectly marked (after reviewing the answer key), please bring your concerns to me to ensure that you receive a fair grade. Any concern about marking should be submitted to me as a written statement that clearly demonstrates why your answer was correct. I will take this written statement into consideration. The deadline for submitting these written statements is one week after the exam results were posted.

### *Communication guidelines*

- I encourage all students to talk to me and the TA in person before, during, or after class; during office hours; or by appointment to ask questions, provide comments, or get help with the course material.
- If you are unable to see us in person, you can contact us via email. To ensure that your emails are not filtered out by accident and that we take them seriously, please follow these guidelines:
  - Please check if the answer to your question is posted on D2L before emailing us.
  - Use your university email address (\_\_\_@ucalgary.ca).
  - Put the course name and the topic of the email in the subject ("ANTH 201.2 Question about schedule").
  - Include your full name and UCID.
  - Keep the message short, focused, and in proper English.
  - Due to the large volume of emails we receive, it may take two business days before we respond. Please allow 48 h for a response before re-sending the message. Don't wait for the last minute to send us questions!
- I will share questions and answers on D2L if they are relevant to the entire class.

### **Formal academic accommodations**

If you are a student with a documented disability who may require academic accommodation, you should register with Student Accessibility Services:

<http://www.ucalgary.ca/access/>. It is your sole responsibility to request formal academic accommodations. Students who have not registered with Student Accessibility Services are not eligible for formal academic accommodations. Please discuss your needs with the instructor within two weeks of the start of the course.

## **Cheating and plagiarism**

Cheating can cause irreparable harm to your future success and is simply not worth the risk. Cheating, plagiarism, and other forms of academic misconduct will not be tolerated in this course and will automatically result in a failing grade for the submitted material—without exception. Students caught cheating may be subject to additional penalties imposed by the university, including probation, suspension, or permanent expulsion by the faculty dean. I urge you to read about the University's regulations on academic misconduct and disciplinary actions: <http://www.ucalgary.ca/pubs/calendar/current/k.html>

## **Additional resources**

### *Emergency Evacuation*

If an emergency evacuation occurs during class, please evacuate to the following assembly points:

- Primary assembly point: Social Science Food Court
- Alternate assembly point: Education Block Food Court

More information: <http://www.ucalgary.ca/emergencyplan/>

### *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/>

### *Safewalk*

Safewalk volunteers can walk with you to your destination, day or night, any day of the year. Use any Help Phone (they are not just for emergencies).

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

Phone: 403-220-5333

Email: [safewalk@ucalgary.ca](mailto:safewalk@ucalgary.ca)

### *Campus Security*

For security alerts, safety concerns or questions. Stay safe!

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

Phone: 403-220-5333

Email: [campus.security@ucalgary.ca](mailto:campus.security@ucalgary.ca)