

**DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY**  
**The University of Calgary**  
**ANTHROPOLOGY 311 – LEC 2**  
 Fall 2021  
**Primate Behaviour**

**Date: Thursday**  
**Time: 18:00-20:45**

**Class Location:** Online Asynchronous Instruction Through D2L

**Instructor:** Colin Dubreuil  
 email: [cjdubreu@ucalgary.ca](mailto:cjdubreu@ucalgary.ca)

**Office Hours:** Wednesday and Friday – 2:30-5:30  
**Room:** TBA

**TA:** TBA  
 email: TBA

**TA Office Hours:** TBA

**Required Text** - Primate Behavioral Ecology by Karen Strier 5<sup>th</sup> or 6<sup>th</sup> edition: E-textbooks available

**Breakdown of Grades**

**Term Test One 30% (exam opens on Thursday Oct 7 at 6pm, and closes on Friday Oct 8 at 6pm)** – This test will be taken online through the course D2L website. The Test will consist of a combination of multiple choice and short answer questions, and will cover all preceding classroom material as well as **chapters 1 – 3** from the textbook. Students will have 90 mins (60mins + 30mins) to finish this exam.

**Term Test Two 30% (exam opens on Thursday Nov 4 at 6pm, and closes on Friday Nov 5 at 6pm)** – This test will be taken online through the course D2L website. The Test will consist of a combination of multiple choice and short answer questions, and will cover classroom material **since Term Test One**, as well as **chapters 4 – 8** from the textbook. Students will have 90 mins (60mins + 30mins) to finish this exam.

**Cumulative Final Exam (registrar-scheduled - December 13-22) – 40%** - This test will be taken online through the course D2L website. The Test will consist of a combination of multiple choice and short answer questions, and will cover **all** classroom material (the whole course), and **chapters 9 - 12** from the textbook. Students will have 180 mins (120mins + 60mins) to finish this exam.

**Course/Learning Outcomes** - By the end of the course/ program, students should be able to:

- Discuss why the study of non-human primates is relevant to the study of Anthropology
- List the major primate taxonomic groups and describe their characteristics
- Explain important evolutionary concepts like natural selection, fitness, sexual selection, kin selection, group selection, reciprocal altruism, and parental investment
- Explain the dimensions upon which primate social groups vary
- Explain how factors such as phylogeny, reproductive strategies, feeding competition, predation, and local demography interact to produce the variation that we see in primate social groups and other aspects of primate behaviour
- Discuss the way that primates interact with other organisms within their communities
- Explain the various mechanisms by which primates communicate with one another in order to increase their own fitness
- Discuss primate intelligence, and the selective forces underlying the evolution of the primate's large neocortex
- Discuss the importance of primate conservation and preservation of biodiversity

### Accessing Lectures

- Lecture material (video lectures and partial lecture notes) will be posted online, and can be accessed through the course's D2L website
- Video lectures will be posted online, and can be viewed through the "**content**" subheading on D2L
- Each video lecture will be broken up into several videos. Videos will be broken up and labelled to facilitate the re-watching of specific sections covering specific topics
- Lecture notes will be posted alongside the video lecture links in PDF format
- Lecture material will be posted before the scheduled lecture date/time outlined on the course schedule

**Lecture Notes** - Partial lecture notes will be posted on D2L, and students are encouraged to follow along with these notes while watching the online video lectures. Important: the posted notes are **NOT** sufficient without the lectures themselves. Tests will be based on all materials covered in class including the presented lectures, any guest lectures, and movies.

Although related and sometimes overlapping, the material in the textbook is not tightly integrated with the lectures. These should be considered as two separate sets of information, both to be mastered for the exams.

**Online Examination Instructions** – All exams (Term test 1, Term test 2, and the Final exam) will be taken online through D2L. All exams are closed book – **Students are not allowed to use their textbooks, lecture notes, or any other external material during the exams.** Failure to comply with this requirement constitutes academic misconduct. To access an online Exam, Log onto your D2L account, and select this course (ANTH 311). Once on the course website, select "**Assessments**" from the navigation bar on the top of the page. This will bring down a menu. From this menu, select "**quizzes**". This will bring you to a new page with a list of available quizzes that can be taken online. I will post a "**practice quiz**" online at the start of term. This "practice" quiz will allow you to see how an online exam on D2L will look, how to navigate through the questions, and how to submit a quiz once you are done. The practice quiz will not count towards your final grade: it is merely a tool that will allow you to familiarize yourself with the online quiz function in D2L. Exam lengths will vary between the term tests and the final exam.

Midterms 1 and 2 are scheduled to open online on October 7th and November 4th respectively. Your final exam will open online sometime between December 13th and 22nd (the exam is registrar scheduled – check your U of C portal for details). Midterm 1 and Midterm 2 will each be designed to be completed within a 60min (1 hour) time period. Because we are aware that students in online courses may have issues with internet connectivity, caregiving responsibilities, distractions within their test-taking environment, or other extenuating circumstances, we are giving all students an extra 1.5X time to complete their exams in this course – that is, for each 60min midterm exam, students will receive an extra 30 mins, giving them a total of 90mins (1 hour and 30mins) to complete the exam. Your final exam will be designed to be completed within a 120min time period. Given the same 1.5X contingency time, students will be given 180mins (3 hours) to take their final exams online through D2L. Midterm exams will open online at 6pm on their scheduled dates. The final exam will open at the registrar scheduled time and date. All exams will stay open online for 24 hours, closing the day after they open. This gives students a 24-hour window in which they can access and complete their timed online exam(s). Please note that despite the 24-hour window for each online exam, students will only have 90mins to take each of their midterms, and 180mins to take their final exam once they choose to open their exam through D2L. – Once you choose to open your exam online within the given 24-hour exam period, a timer will appear at the top of your screen (90 mins for your midterms, and 180mins for your final exam). Once those timers run down, you will be unable to make any changes to your exam, and you will have to submit the exam at that point.

If you should have any technical issues during an online exam, please contact the IT Support Centre ([https://ucalgary.service-now.com/it?id=contact\\_and\\_help](https://ucalgary.service-now.com/it?id=contact_and_help)). AFTER contacting IT, you can also send me an email if need be.

**Seeing your Exams** – Grades from your Term tests will be posted on D2L the week after the exam is written. An answer key for the short answer questions will be posted with the class material on D2L. If you would like to compare your **multiple-choice** answers to the key, please visit Dr. Dubreuil or your TA during their office hours. Please note that exam grades will **not** be available at the Department of Anthropology and Archaeology's main office – you must access your grades online through D2L.

**Grading Scheme** – Each of your three exams (midterm 1, midterm 2, and the final exam) will be weighted as above and a final mark out of 100 calculated. This will then be converted to a letter grade as follows:

A+	95 – 100%	B	75 – 79.9%	C-	59 – 62.9%
A	90 – 94.9%	B-	71 – 74.9%	D+	55 – 58.9%
A-	85 – 89.9%	C+	67 – 70.9%	D	50 – 54.9%
B+	80 – 84.9%	C	63 – 66.9%	F	< 50%

**Missed Exams** - Students may be asked to provide supporting documentation for an exemption/special request. This may include, but is not limited to, a prolonged absence from a course where participation is required, a missed course assessment, a deferred examination, or an appeal. Students are encouraged to submit documentation that will support their situation. Supporting documentation may be dependent on the reason noted in their personal statement/explanation provided to explain their situation. This could be medical certificate/documentation, references, police reports, invitation letter, or a statutory declaration, etc. The decision to provide supporting documentation that best suits the situation is at the discretion of the student. Students cannot be required to provide specific supporting documentation, such as a medical note.

Students can make a Statutory Declaration as their supporting documentation (available at [ucalgary.ca/registrar](http://ucalgary.ca/registrar)).

This requires students to make a declaration in the presence of a Commissioner for Oaths. It demonstrates the importance of honest and accurate information provided and is a legally binding declaration. Several registered Commissioners for Oaths are available to students at no charge, on campus, please see [ucalgary.ca/registrar](http://ucalgary.ca/registrar). Falsification of any supporting documentation will be taken very seriously and may result in disciplinary action through the Academic Discipline regulations or the Student Non-Academic Misconduct policy.

**Reappraisal of Graded Term Work:** <http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

**Reappraisal of Final Grade:** <http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

**Communication Guidelines** – I offer you this advice to help you have more successful communication in this course and in your professional life in general:

- You are welcome to communicate with the Professor and TA by email
- Use a University of Calgary authenticated email address (such as your ucalgary address or a [yourname@gmail.com](mailto:yourname@gmail.com)) for professional correspondence (such as messages to your Professor or TA). Do not, for example, send emails from accounts that you set up in grade nine when you called yourself [sailormoon99@hotmail.com](mailto:sailormoon99@hotmail.com) or [skrboy@yahoo.com](mailto:skrboy@yahoo.com). Instructors at the University of Calgary are not allowed to respond to these sorts of email addresses.
- Use a clear subject line such as “Anth 311 Question” or “Anth 311 Student”.
- Use an appropriate greeting to start your email, such as “Dear Dr. Dubreuil”, and sign off with your full name and UCID number. It is always a good idea to err on the side of formality in professional correspondence.

- Do not skip a greeting altogether, or open with, for example, Hey there, What up? or Yo! If you don't know the name of the Professor or TA start with "Dear Professor or Dear TA", although taking a peek at the course outline might be slightly better than advertising that you don't know the name of the person you are about to ask for something.
- **Check the course outline and materials posted on D2L before asking for information that may have already been provided.** For example, no need to send an email asking if the final exam is cumulative when this is clearly stated above. Again, just to avoid advertising that you don't pay attention to all the material being posted online, or that you don't give your full attention to the posted videos.
- Use complete sentences and proof-read and spell check your messages.
- We will respond as soon as possible but to be safe please allow 48 hours for a response, excluding weekends and holidays.

**Office hours** – I am happy to meet with students during my office hours (TBA) to discuss course content and evaluations. I am also happy to meet online using **zoom**. If you wish to meet with Dr. Dubreuil or your TA through **zoom**, you must first send us an email (see above). We will get back to you within 48 hours with some possible time slots where we can accommodate a virtual meeting. We will preferentially try to schedule the meeting during our set office hours, though we can be flexible if this time does not work with your schedule. All virtual office hours will be held using the **zoom** app. You can access and download the relevant software to your computer by visiting the course website on D2L, and clicking "**communications**". This will bring down a menu. On this menu, select "**zoom**". There will be online instructions on how to download the software from there. When an online zoom meeting has been scheduled, either Dr. Dubreuil or your TA will send you a link to the meeting. When you click this link, you will be prompted with the necessary steps to join the meeting. Please read the section called "**Guidelines for Zoom Sessions**" in the **supplemental information** below for more details.

**Online Discussion Forum** – I encourage students who have questions about course material to either ask during class/lab, and/or to post questions on the D2L **discussion board**. Dr. Dubreuil or your TA will post answers to these questions at the end of each week. Although you are welcome to address these questions to us through email, try to keep this in mind: If you have questions about course content, there is a good chance that other students are wondering the same thing! By sharing your questions on the discussion board, everyone in the class can benefit from your post! To access the online discussion board, visit the course D2L page. On the main navigation bar, select "**Discussions**". This will bring you to the discussion board page. Here, you can select a topic, and post any questions about the course content.

**SUPPLEMENTAL INFORMATION**

**Academic Accommodations** - Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit <https://live-ucalgary.ucalgary.ca/student-services/access>. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor or the Department Head. The full policy on Student Accommodations is available at <https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>.

**Academic Misconduct** - “Academic Misconduct” includes such things as cheating, falsification, plagiarism, unauthorized assistance, and failure to comply with exam regulations or an Instructor’s expectations regarding conduct required of Students completing academic assessments. Students who participate in, or encourage the commission of, Academic Misconduct will be subject to disciplinary action which could include Probation, Suspension, or Expulsion from the University. For information on academic misconduct and its consequences, please see the University of Calgary Calendar at <https://www.ucalgary.ca/pubs/calendar/current/k-3.html>

Further support on academic integrity is available at: <https://ucalgary.ca/student-services/student-success/learning/academic-integrity>

**Instructor Intellectual Property** - Course materials created by professor(s) (including course outlines, presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the professor(s). These materials may NOT be reproduced, redistributed or copied without the explicit consent of the professor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

**Freedom Of Information and Protection of Privacy Act** - Student information will be collected in accordance with typical (or usual) classroom practice. Students’ assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

**Copyright Legislation** - All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (<https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy>) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks, etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

**Support And Resources** - Please visit the Registrar’s website at: <https://www.ucalgary.ca/registrar/registration/course-outlines> for additional important information on the following:

- Emergency Evacuation/Assembly Points
- Wellness and Mental Health Resources · Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Safewalk

**Guidelines for Zoom Sessions** - Zoom is a video conferencing program that will allow us to meet at specific times for a “live” video conference, so that we can have the opportunity to meet each other virtually and discuss relevant course topics as a learning community. To help ensure Zoom sessions are private, do not share Zoom links or passwords with others, or on any social media platforms. Zoom links and passwords are only intended for students registered in the course. Zoom recordings and materials presented in Zoom, including any teaching materials, must not be shared, distributed or published with the instructor’s permission.

The use of video conferencing programs relies on participants to act ethically, honestly and with integrity; and in accordance with the principles of fairness, good faith and respect (as per the Code of Conduct). When entering Zoom or other video conferencing sessions (such as MS Teams), you play a role in helping create an effective, safe and respectful learning environment. Please be mindful of how your behavior in these sessions may affect others. Participants are required to use names officially associated with their UCID (legal or preferred names listed in the Student Centre) when engaging in these activities. Instructors/moderators can remove those whose names do not appear on class rosters. Non-compliance may be investigated under relevant University of Calgary conduct policies (e.g. Student Non Academic Misconduct Policy). If participants have difficulties complying with this requirement, they should email the instructor of the class explaining why, so the instructor may consider whether to grant an exception, and on what terms. For more information on how to get the most out of your Zoom sessions visit: <https://elearn.ucalgary.ca/guidelines-for-zoom/>.

If you are unable to attend a Zoom session you’ve scheduled with your instructor or TA, please contact them (your instructor or TA) to arrange an alternative meeting time. Please be prepared, as best as you are able, to join a Zoom session in a quiet space that will allow you to be fully present and engaged in the session. Students will be advised by their instructor when they are expected to turn on their webcam.

The instructor may record online Zoom sessions for the purposes of supporting student learning in this class – such as making the recording available for review of the session or for students who miss a session. Students will be advised before the instructor initiates a recording of a Zoom session. These recordings will be used to support student learning only and will not be shared or used for any other purpose.

***Welcome to Anthropology 311: Primate Behaviour. We hope you enjoy this class!***

**ANTH 311 TENTATIVE SCHEDULE Fall 2021**

**Lecture material will be posted on the course D2L website by 6:00pm on the listed dates**

- Thursday Sept 9
- A) Intro to the Course
- How will the course run this semester?
- B) Primate Characteristics, Taxonomy, and Origins
- Introduction to Taxonomy
  - What is a Primate?
  - Primate Origins
- Thursday Sept 16
- A) Video - BBC Primates: Available online - Ucalgary Library
- B) Lemurs, Lorises, Tarsiers
- Introduction to the Sterpsirhini
  - Lemuriformes
  - Lorisiformes
  - Tarsiiformes: The Taxonomically confused Primates
- Thursday Sept 23
- A) Monkeys and Apes
- Introduction to Haplorhini
  - Platyrrhini
  - Start Cercopitecoidea
  - Cercopitecoidea
  - Hominoidea
- Thursday Sept 30
- National Day for Truth and Reconciliation (University Closed, no classes)
- Thursday Oct 7
- A) **\*\*Midterm Test 1 is open online at 6:00pm and closes at 6:00pm the following day\*\***
- Worth 30% of final grade
  - Exam will cover:
    - Primate Characteristics, Taxonomy, and Origins
    - Video - BBC Primates
    - Lemurs, Lorises, Tarsiers
    - Monkeys and Apes
    - Chapters 1-3 from textbook
  - Exam will close at 6:pm the next day (Oct 1st)
- B) Natural Selection and Sociobiology 1
- Evolution
  - Natural selection
  - Sociobiology
  - Kin Selection

- Thursday Oct 14
- A) Natural Selection and Sociobiology 2
- Reciprocal Altruism
  - Mutualism
  - Parental Investment
  - Sex Differences in behaviour
- B) Male Reproductive Strategies
- Influencing Female Choice
  - Competition between males
  - Sexual Coercion
- Thursday Oct 21
- A) Primate Social Groups parts 1+2: Primate Social Systems
- Costs and Benefits of Sociality
  - Social Organization
  - Mating System
  - Social Structure
  - Start discussing the socio ecological model
- Thursday Oct 28
- A) Video – New Chimpanzees: Available online - Ucalgary Library
- B) Primate Social Groups 3: The Socioecological Model
- Basic feeding competition Model
  - Food
  - Competitive Regimes
  - Socio-ecological Theory
- Thursday Nov 4
- A) \*\* Midterm Test 2 opens online at 6:00pm and closes at 6:00pm the following day \*\*
- Worth 30% of final grade
  - Exam will cover:
    - Natural Selection and Sociobiology 1 AND 2
    - Male Reproductive Strategies
    - Primate Social Groups 1 AND 2: Primate Social Systems
    - Video - New Chimpanzees
    - Primate Social Groups 3: The Socioecological Model
    - Chapters 4-8 from textbook
  - Exam will close at 6:00pm the next day (October 29<sup>th</sup>)
- B) Socialization and the Life Course – Part 1
- What is “Life history”?
  - Primate Life history
  - Primate Infancy



- Thursday Nov 11      TERM BREAK – No Classes
- Thursday Nov 18      A) Socialization and the Life Course – Part 2
- Primates as Juveniles
  - Puberty and adulthood
  - Adulthood, and Ageing
- B) Community Ecology 1
- What is Community Ecology?
  - Allopatry and Sympatry
  - Interactions between species
  - Ecological Niche, and Niche Divergence
  - Intraspecies Interactions
  - Polyspecific associations
  - Plant-Primate Interactions
  - Primates as prey and as Predators
- Thursday Nov 25      A) Community Ecology 2
- Polyspecific associations
  - Plant-Primate Interactions
  - Primates as prey and as Predators
- B) Communication
- What is communication?
  - 4 components of communication
  - Signal
  - Function
  - Motivation
  - Mechanism
- Thursday Dec 2      A) Video – Disenchanted Forest: Available online - Ucalgary Library  
B) Conservation – Guest Lecture – Lucy Millington
- Threats to Primates
  - Conservation Policies
  - NGOs
  - Noninvasive Research
- Thursday Dec 9      A) Video – Ape Genius: Available online - Ucalgary Library  
B) Cognition
- The Primate’s Brain
  - Ecological Intelligence
  - Social Intelligence
  - Culture
  - Theory of Mind
  - Cultural Intelligence

Registrar Scheduled

Final Exam December 13-22

- Worth 40% of final grade
- Exam will cover:
  - Socialization and the Life Course 1 AND 2
  - Community Ecology 1 AND 2
  - Communication
  - Video - Disenchanted Forest
  - Conservation
  - Video - Ape Genius
  - Cognition
  - Chapters 9-12 from textbook
  - Review: All lecture material from midterms 1 and 2 are testable