

**DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY**  
**The University of Calgary**  
**ANTHROPOLOGY 311**  
 Spring 2021  
**Primate Behaviour**

**Time:** TBA

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

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

Office Hours: By Appointment Through Zoom

**TA:** TBA  
 email: TBA

TA Office Hours: By Appointment Through Zoom

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

**Breakdown of Grades**

**Term Test One 30%** – 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.

**Term Test Two 30%** – 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.

**Cumulative Final Exam (registrar-scheduled) – 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.

**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.

**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.

**Virtual Office hours** – All office hours will be held online. If you wish to meet with Dr. Dubreuil or your TA, 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 post them on D2L on the **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, or during a virtual office meeting through zoom, 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.

**Online Examination Instructions** – All exams (Term test 1, Term test 2, and the Final exam) will be taken online through D2L. 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. See the course website and pay attention to video uploads by Dr. Dubreuil for details about exam lengths. 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 answers to the key, please contact either Dr. Dubreuil or your TA. They can access your exam, and will arrange a virtual office hour meeting with you about your exam. 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.

### **Grade breakdown**

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

## **SUPPLEMENTAL INFORMATION**

**Principles of Conduct** - The University Calendar includes a statement on the principles of conduct expected of all members of the university community (including students, faculty, administrators, any category of staff, practicum supervisors, and volunteers), whether on or off university property. This statement applies in all situations where members of the university community are acting in their university capacities. All members of the university community have a responsibility to familiarize themselves with the principles of conduct statement, which is available at: <https://www.ucalgary.ca/pubs/calendar/current/k.html>. Students should also familiarize themselves with University policies regarding non-academic misconduct: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-non-academic-misconduct-policy>

**Plagiarism, Cheating, and Student Misconduct** - The University of Calgary is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect.

Academic dishonesty is not an acceptable activity at the University of Calgary, and students are strongly advised to read the Student Misconduct section in the University Calendar at: [www.ucalgary.ca/pubs/calendar/current/k-3.html](http://www.ucalgary.ca/pubs/calendar/current/k-3.html). 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 your own without adequate citation, and (3) using work completed for another course. Such activities will not be tolerated in this course, and students suspected of academic misconduct will be dealt with according to the procedures outlined at: <https://www.ucalgary.ca/legal-services/university-policies-procedures/student-academic-misconduct-procedure>

For students wishing to know more about what constitutes plagiarism and how to properly cite the work of others, the Department of Anthropology and Archaeology recommends that they attend Academic Integrity workshops offered through the Student Success Centre: <https://www.ucalgary.ca/student-services/student-success/learning/academic-integrity>

**Instructor Intellectual Property** - Information on Instructor Intellectual Property can be found at <https://ucalgary.ca/legal-services/university-policies-procedures/intellectual-property-policy>

Information on the acceptable use of electronic resources can be found here: <https://ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-electronic-resources-and-information-policy>

**Freedom of Information and Protection of Privacy** - Freedom of Information and Protection of Privacy (FOIP) legislation in Alberta disallows the practice of having students retrieve assignments from a public place, such as outside an instructor's office, the department office, etc. Term assignments will be returned to students individually, during class or during the instructor's office hours; if students are unable to pick up their assignments from the instructor, they must provide the instructor with a stamped, self-addressed envelope to be used for the return of the assignment.

**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.

**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.

**Academic Accommodations** - It is the student’s responsibility to request academic accommodations. Students may find information on accommodations at: <https://www.ucalgary.ca/pubs/calendar/current/b-6-1.html>. 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: <https://ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

Students needing an accommodation based on a protected ground other than disability should communicate this need, preferably in writing to their instructor or the Department Head (email: [pcdawson@ucalgary.ca](mailto:pcdawson@ucalgary.ca)).

**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 unauthorised 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 Act.

**Wellness and Mental Health Resources** - The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness, and academic success and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the mental health resources available throughout the university community, such as counselling, self-help resources, peer support, or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

Students requiring assistance are encouraged to email the Student at Risk line if they or others appear to need wellness assistance: [sar@ucalgary.ca](mailto:sar@ucalgary.ca). For more immediate response, please call: 403-210-9355 and select option #2.

#### **Contact Information for Student and Faculty Representation**

- Student Union VP Academic 403-220-3911, [suypaca@ucalgary.ca](mailto:suypaca@ucalgary.ca)
- Students Union Representatives for the Faculty of Arts – 403-220-3913, [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)
- Student Ombuds Office information can be found at: <https://www.ucalgary.ca/student-services/ombuds>

**Campus Safewalk** - Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day, to any location on Campus, including the LRT station, parking lots, bus zones, and university residences. Contact Campus Security at 220-5333 or use a help phone, and Safewalkers or a Campus Security officer will accompany you to your campus destination.

**Campus Evacuation** - Students, faculty and staff may be required to evacuate during an emergency. Most evacuations will be signalled by activation of a fire alarm. For details see: <https://www.ucalgary.ca/risk/emergency-management/evacuation-and-assembly-points>

**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/>

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

ANTH 311 TENTATIVE SCHEDULE SPRING 2021

Lecture material will be posted on the course D2L website by 9:00am on the listed dates

- Wednesday May 5      **First day of classes Spring 2021** – As I will be following a Tuesday/Thursday schedule for posting lecture content, we will officially start class the following day (May 6<sup>th</sup>). However, I may post the “Into to course” lecture content on May 5<sup>th</sup>, despite it being scheduled for May 6<sup>th</sup>. Feel free to watch that lecture content early.
- Thursday May 6      A) Intro to the Course  
 B) Primate Characteristics, Taxonomy, and Origins
  - Introduction to Taxonomy
  - What is a Primate?
  - Primate Origins
- Tuesday May 11      A) Video - BBC Primates: Available online - Ucalgary Library  
 B) Lemurs, Lorises, Tarsiers
  - Introduction to the Sterpsirhini
  - Lemuriformes
  - Lorisiformes
  - Tarsiiformes: The Taxonomically confused Primates
- Thursday May 13      A) Monkeys and Apes
  - Introduction to Haplorhini
  - Platyrrhini
  - Cercopitecoidea
  - Hominoidea
- Tuesday May 18      A) Natural Selection and Sociobiology
  - Evolution
  - Natural selection
  - Sociobiology
  - Kin Selection
  - Reciprocal Altruism
  - Mutualism
  - Parental Investment
  - Sex Differences
- Thursday May 20      A) \* Midterm Test 1 is open online at 9:00am and closes at 9:00am 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 9:00am the following day
 B) Male Reproductive Strategies
  - Influencing Female Choice
  - Competition between males
  - Sexual Coercion

- Tuesday May 25
- A) Primate Social Groups : Primate Social Systems
- Costs and Benefits of Sociality
  - Social Organization
  - Mating System
  - Social Structure
  - Start discussing the socio ecological model
- Thursday May 27
- A) Video – New Chimpanzees: Available online - Ucalgary Library  
B) Primate Social Groups : The Socioecological Model
- Basic feeding competition Model
  - Food
  - Competitive Regimes
  - Socio-ecological Theory
- Tuesday June 1
- A) Socialization and the Life Course
- What is “Life history”?
  - Primate Life history
  - Primate Infancy
  - Primates as Juveniles
  - Puberty and adulthood
  - Adulthood, and Ageing
- Thursday June 3
- A) \* Midterm Test 2 opens online at 9:00am and closes at 9:00am the following day \*
- Worth 30% of final grade
  - Exam will cover:
    - Natural Selection and Sociobiology
    - Male Reproductive Strategies
    - Primate Social Groups: Primate Social Systems
    - Video - New Chimpanzees
    - Primate Social Groups: The Socioecological Model
    - Chapters 4-8 from textbook
  - Exam will close at 9:00am the following day
- B) Community Ecology 1
- What is Community Ecology?
  - Allopatry and Sympatry
  - Interactions between species
  - Ecological Niche, and Niche Divergence
  - Intraspecies Interactions
- Tuesday June 8
- A) Community Ecology 2
- Polyspecific associations
  - Plant-Primate Interactions
  - Primates as prey and as Predators
- B) Communication
- What is communication?
  - Four components of communication
  - Signal
  - Function
  - Motivation
  - Mechanism



- Thursday June 10      A) Video – Ape Genius: Available online - Ucalgary Library  
 B) Cognition
- The Primate’s Brain
  - Ecological Intelligence
  - Social Intelligence
  - Culture
  - Theory of Mind
  - Cultural Intelligence
- Tuesday June 15      A) Video – Disenchanted Forest: Available online - Ucalgary Library  
 B) Conservation
- Threats to Primates
  - Conservation Policies
  - NGOs
  - Noninvasive Research
- Thursday June 17      Last day of classes – Finish any outstanding lecture content
- Registrar Scheduled      Final Exam June 21<sup>st</sup> – June 23<sup>rd</sup>
- Worth 40% of final grade
  - Exam will cover:
    - Socialization and the Life Course 1 AND 2
    - Community Ecology 1 AND 2
    - Communication
    - Video - Ape Genius
    - Cognition
    - Video - Disenchanted Forest
    - Conservation
    - Chapters 9-12 from textbook
    - **Review: All lecture material from midterm 1 and 2 are testable**
  - The final exam **will NOT cover**:
    - Films from before midterm 1 and 2 (**neither “BBC Primates”, nor “the new chimpanzee” will be covered on the final exam**)
    - Assigned readings from before midterm 1 and 2 (The final exam **will not** test you directly on chapters 1 to 8 from the textbook)