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**ANTH 451.01**  
**Primate Ecology and Conservation**  
GFC Hours 3-0  
Winter 2024

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**Prerequisite(s):** ANTH 201 and 311

**COURSE DESCRIPTION**

Over half of nonhuman primate taxa are currently facing the risk of extinction due to human-induced processes. Many nonhuman primate species worldwide are currently facing the risk of extinction due to human induced processes. In this course, we will consider this problem by first understanding how primates interact with their natural environments. We will then discuss the primary causes for the decline in primate populations, including habitat loss and hunting. Finally, we will critically examine the solutions and tactics proposed to reduce or eliminate these threats to their survival.

**LEARNING OUTCOMES:**

The Department of Anthropology and Archaeology is committed to student knowledge and skill development. Upon completion of this course, students should be able to:

- Identify and describe characteristics of nonhuman primate behaviour and anatomy related to ecology, community ecology, population size and distribution.
- Recall and explain factors that place nonhuman primate species at risk of population decline and extinction, and strategies and tactics used to mitigate these risks.
- Explain different methods for determining primate abundance, density, occurrence, and richness.
- Carry out bibliographic research on topics related to the written assignment and team presentations.
- Apply standard practices in scientific writing, including proper attribution of cited works.

- Produce a written report that evaluates and critiques conservation practice or generate a research proposal in NSERC PGS-M format.
- Work within groups to design presentation materials. 8. Professionally present as a group on topics in primate conservation.

## **READINGS AND TEXTBOOKS:**

### **Required Readings:**

- Wich, S. A., & Marshall, A. J. (Eds.). (2016). *An introduction to primate conservation*. Oxford University Press.
- The text is free from the University Library <https://academic-oup-com.ezproxy.lib.ualgary.ca/book/26658?login=true&token=eyJhbGciOiJub25lIn0.eyJleHAiOiJlE3MDUyNTQ1MTIsImp0aSI6ImFINWI3NGM0LTc3ZTA0NGFmNi05YTY1LWQ1YTNiMmEyODMzNSJ9>.

### **Recommended Readings:**

- Supplemental optional readings will also be offered and available via D2L. These provide further context for course materials covered in lecture and may be helpful in preparing final papers.

## **REQUIRED TECHNOLOGY and EQUIPMENT:**

- You must have a working computer with a broadband internet connection that can access D2L and the library website.

## **COURSE REQUIREMENTS AND ASSESSMENT**

### **In-class participation – 5%**

- Students are expected to attend lectures and participate in class discussion. To record participation marks, there will be a few questions at some point during each class. These questions will be based on the readings due for that day or the films watched.
- There will be no participation questions on test days or presentation days.

### **Test 1 – 30% - February 15<sup>th</sup>**

- This is a 75-minute exam that will take place in class. It is closed book.
- This exam will cover lectures, videos, and readings up to the week prior (inclusive)
- Tests are non-cumulative and in multiple choice and short answer format.

### **Mid-term Paper – 20% - March 7<sup>th</sup>**

- You will be offered two choices for this assignment: (1) grant proposal for a primate conservation field project; or (2) critical report on an organization active in the conservation of primates.
- Both documents should use 12-point Times New Roman font, 1-inch margins, and double spacing. Additional formatting requirements for each option are as follows:
  - Option 1: maximum 5 pages, including any tables (references may be on a separate, sixth page).
  - Option 2: maximum 8 pages, including any tables (references may be on a separate, ninth page).
- Submission will be via D2L by 11:59pm on the due date

**Test 2 – 30% - March 26<sup>th</sup>**

- This is a 75-minute exam that will take place in class. It is closed book.
- This exam will cover lectures, videos, and readings up to the week prior (inclusive)
- Tests are non-cumulative and in multiple choice and short answer format.

**Group presentations – 10% - April 2<sup>th</sup>, 4<sup>th</sup>, or 9<sup>th</sup>. Slides are due on April 2<sup>nd</sup>**

- Groups of 4-6 will give a PowerPoint presentation on one topic from a list to be provided by Dr. Fernández.
- The presentation slides will be due for all groups on the first day of the presentations (April 2<sup>nd</sup>)
- The order of the presentations will be arranged during the term
- The presentation will be done by all members of the group.

**Presentation reviews – 5% - April 2<sup>th</sup>, 4<sup>th</sup>, or 9<sup>th</sup>**

- Each student will evaluate the work of two different groups presenting on different days.
- The evaluations will be based on the delivery, content, slides design, and structure of the presentation.
- You will be provided with further details on how to evaluate your peers during class.

**Absence, Deferral, and Grading Policies:**

- In-class assignments may only be deferred in the case of serious illness or medical emergency, religious observance, or domestic affliction (see: <https://www.ucalgary.ca/registrar/exams/deferred-final-exams>). In the event of illness, the instructor must be notified BEFORE the exam if at all 3 possible. In all cases, the instructor must be contacted within 48 hours of the missed exam. Students who do not contact the instructor within this 48-hour period forfeit the right to a makeup exam. Once approved by the instructor, the makeup exam must be written within two weeks of the missed exam at a time scheduled by the instructor. Makeup exams in this course are in essay format.
- Deferral of the registrar-scheduled final exam requires Registrar approval (<https://www.ucalgary.ca/registrar/exams/deferred-final-exam>). For the Winter 2024, approved registrar-scheduled deferred final exams will be written May 20-25.
- Students may choose to provide supporting documentation for an exemption/special request. Students are encouraged to submit documentation that will best support their situation. 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.
- Grades will be posted on D2L as quickly as possible. Exams will not be returned to students. If you wish to see your exam, please come to office hours (in person).
- If you have questions about the grading of your exam or assignment, please approach Dr. Fernández (exams) or your TA as soon as possible. After consultation with the teaching staff, you may dispute a grade by submitting a written statement within ten business days of receiving the grade, in keeping with the following university policies:

**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>

## Department of Anthropology and Archaeology Grading Scheme:

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

- Please note that **no extra credit or ‘make up’ work** is available in this class.
- You do not need to pass each course component to earn a passing grade in the class

### LAND ACKNOWLEDGEMENT

The University of Calgary, located in the heart of Southern Alberta, both acknowledges and pays tribute to the traditional territories of the peoples of Treaty 7, which include the Blackfoot Confederacy (comprised of the Siksika, the Piikani, and the Kainai First Nations), the Tsuut’ina First Nation, and the Stoney Nakoda (including Chiniki, Bearspaw, and Goodstoney First Nations). The City of Calgary is also home to the Métis Nation of Alberta (Districts 5 and 6).

### ACKNOWLEDGMENT AND RESPECT FOR DIVERSITY

The Department of Anthropology and Archaeology views diversity of identity as a strength and resource. Your experiences and different perspectives are encouraged and add to a rich learning environment that fosters critical thought through respectful discussion and inclusion.

### COURSE POLICIES

#### Classroom behavior and attendance

- The most important thing is to be **respectful and supportive** of other students.
- Please **turn off** your cell phone and any other electronic devices/background noises on your computers to avoid distracting other students.
- Lecture slides will be posted **AFTER** class, not before. You should come to lecture prepared to **take notes**.
- Please note that **reading the lectures slides alone will NOT be sufficient** to get a good grade in this class. **All material** from lectures and required readings is testable, and lecture slides will not have everything you need to know.
- Classroom **materials missed** due to absenteeism are the sole responsibility of the student.
  - Assignments **submitted late** will have 5% per day deducted from their mark.
  - Grading of **writing** (style, grammar, organization, etc.) is a factor in the evaluation of students’ written assignments.
  - Calculators and electronic devices are not allowed during tests.
  - There is no final examination

#### Communication Guidelines

- The best place to ask questions is **IN CLASS or during office hours**. Please take the opportunity to talk with the instructor and your TA whenever possible.
- Questions during lectures are welcome, so please just raise your hand. If something doesn’t make sense to you, it probably didn’t make sense to other students either!
- Please, **avoid asking questions via email**. Instead, if you have questions you would like to discuss and cannot make my office hours or a lecture, please, request a **time to meet**.

Otherwise, due to the volume of emails I receive, I cannot commit to answering questions over email promptly.

- If have to email a question, please make sure that it hasn't already been addressed in the course outline, assignment handouts, or on D2L! Otherwise, I would politely point you in the right direction (once I get to your email...).
- I reserve the right to share questions and answers transmitted over email on D2L or in class if the answers are pertinent to everyone in the class. This saves time, and ensures that all students have access to the same information as they prepare for assignments and exams.

## **UNIVERSITY POLICIES**

### **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/sites/default/files/teams/1/Policies-Student-Accommodation-Policy.pdf>

### **Academic integrity policy**

Academic integrity is the foundation of the development and acquisition of knowledge and is based on values of honesty, trust, responsibility, and respect. We expect members of our community to act with integrity. 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: [www.ucalgary.ca/pubs/calendar/current/k.html](http://www.ucalgary.ca/pubs/calendar/current/k.html).

### **Academic 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 in the calendar 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 Geography 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**

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

### **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.

### **Supports for student learning, success, and safety**

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

- Wellness and Mental Health Resources
- Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk

**TENTATIVE CLASS SCHEDULE\***

<b>Date</b>	<b>Topic</b>	<b>Reading</b>
T Jan 9	Course introduction. Video	Chapter 1
R Jan 11	Video (cont.)	
T Jan 16	Primate ecology	Chapter 2
R Jan 18	Why conserve primates? Threatened Species Status	Chapter 3
T Jan 23	Species Concepts & Biodiversity	Chapter 4
R Jan 25	Conservation Genetics	Chapter 5
T Jan 30	Primate Abundance and Distribution: Population Biology	Chapter 6
R Feb 1	Primate Abundance and Distribution: Population Biology (cont.)	
T Feb 6	Mid-term paper workshop	
R Feb 8	Changing habitats	Chapter 7
T Feb 13	Infectious diseases and primate conservation	Chapter 10
R Feb 15	<b>TEST 1</b>	
<b>Feb 18-24: Reading Break. NO LECTURES THIS WEEK ☹️</b>		
T Feb 27	Primate trade and hunting	Chapter 8 & 9
R Feb 29	Primate trade and hunting (cont.)	
T Mar 5	Climate change and primate conservation	Chapter 11
R Mar 7	Fortress conservation: lessons learned	Chapter 12
<b>R Mar 7</b>	<b>MID-TERM PAPER DUE</b>	
T Mar 12	Multifunctional landscape	Chapter 13
R Mar 14	Human primate interaction	Chapter 14
T Mar 19	Conservation interventions: translocation and ecosystem services	Chapters 15 and 16
R Mar 21	Conservation interventions: evidence-based conservation	Chapter 17
T Mar 26	<b>TEST 2</b>	
R Mar 28	Presentation workshop	
T Apr 2	Presentations 1	
<b>SLIDES DUE FOR ALL GROUPS</b>		
R Apr 4	Presentations 2	
T Apr 9	Presentations 3	
Apr 12-23	Winter Final Exam Period	

*\*Please, note that lecture topics and readings may be adjusted throughout the term, so stay tune to DL2!*

## IMPORTANT DATES

M Jan 8	Start of Classes
R Jan 18	Last day to drop a class without a financial penalty
F Jan 19	Last day to add or swap a course
F Jan 26	Fee payment deadline for Fall Term full and half courses.
M Feb 19	Alberta Family Day No Classes.
Feb 18-24	Reading Break. No classes.
F Mar 29	Good Friday no classes
M Apr 1	Easter Monday no classes
T Apr 9	End of classes Last day to withdraw from half courses.
Apr 12-23	Fall Final Exam Period.
May 20-25	Exam period for Registrar deferred final exams

<https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html#fall2017>