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**ANTH 451**  
**Primate Ecology & Conservation**

<b>Instructor:</b>	Pamela Narváez Torres	<b>Lecture Location:</b>	ED 280
<b>Email:</b>	<a href="mailto:pamela.narvaez@ucalgary.ca">pamela.narvaez@ucalgary.ca</a>	<b>Lecture Days/Time:</b>	Mon & Wed 14:00-15:15
<b>Office Hours:</b>	Tuesday 11:00 – 13:00 (Zoom) Meeting ID: 950 5139 3107		
<b>Teaching Assistant:</b>	Allyson King		
<b>TA Email:</b>	<a href="mailto:allyson.king@ucalgary.ca">allyson.king@ucalgary.ca</a>		
<b>Office Hours:</b>	By appointment		

**INSTRUCTOR AND TEACHING ASSISTANT EMAIL POLICY**

Please note that all course communications must occur through your @ucalgary.ca email, and we will respond to emails sent via student's @ucalgary.ca emails within **48 hours**. Please include the course title (ANTH 451) in the subject heading, and your full name in the email.

**COURSE DESCRIPTION**

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.

**Prerequisite:** Anthropology 311

**READINGS AND TEXTBOOKS:**

Required textbook (available at the UCalgary Bookstore) and materials:

- **Wich, S.A. & Marshall, A.J. (2016). *An Introduction to Primate Conservation*. Oxford: Oxford University Press.**
- Additional weekly readings, including links to peer-reviewed journal articles, are posted on D2L
- Supplemental optional readings will also be offered. These provide further context for course materials covered in lecture and may be helpful in preparing final papers. (see d2L.ucalgary.ca)

**REQUIRED TECHNOLOGY AND EQUIPMENT:**

There is a D2L site for this course which contains required readings and other relevant class resources and materials. A word processing software will be required to complete the written assignment and Power Point, or a similar program is required for the team presentations.

**LEARNING OUTCOMES:**

At the end of this course, students should be able to:

1. Identify and describe characteristics of nonhuman primate behaviour and anatomy related to ecology, community ecology, population size and distribution.
2. 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.
3. Explain different methods for determining primate abundance, density, occurrence, and richness.
4. Carry out bibliographic research on topics related to the written assignment and team presentations.
5. Apply standard practices in scientific writing, including proper attribution of cited works.
6. Produce a written report that evaluates and critiques conservation practice *or* generate a research proposal in NSERC PGS-M format.
7. Work within groups to design presentation materials.
8. Professionally present as a group on topics in primate conservation.

**COURSE REQUIREMENTS AND ASSESSMENT COMPONENTS**

<b>Assignment</b>	<b>(Due) Date</b>	<b>% Final Grade</b>
In-class Participation	Each Class	5%
Test 1 (in-person)	Oct 17	30%
Test 2 (in-person)	Nov 23	30%
Midterm paper	Nov 2	20%
Group Presentation	Nov 30, Dec 5,7	10%
Presentation Reviews	Nov 30, Dec 5,7	5%

- Students are responsible for materials covered in the texts and lectures.
- 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.
- A passing grade on any component of the course is not essential for the student to pass the course.
- Calculators and electronic devices are not allowed during tests.
- There is no final examination.

**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 via Top Hat 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%):**

In-person closed-book test based on material covered in all lectures, videos and assigned readings to-date (Sept 07 – Oct 12). Tests are non-cumulative and in multiple choice and short answer format. This test will have a 65-min timeslot from when you begin. There will be extra office hours offered before tests-

Date: October 17

**Test 2 (30%):**

In-person closed-book test based on material covered in all lectures, videos and assigned readings to-date (Oct 19 – Nov 21). Tests are non-cumulative and in multiple choice and short answer format. This test will have a 65-min timeslot from when you begin. There will be extra office hours offered before tests.

Date: November 23

**Midterm Paper (20%):**

Students are offered two choices for this assignment: (1) grant proposal for a primate conservation biology field project or (2) critical report on an organization active in the conservation of primates. 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). Both documents should use 12-point Times New Roman font, 1 inch margins, and double spacing.

Date: by 11:59pm November 2 (via D2L)

**Group presentation (10%):**

Groups of 4-6 will present a PowerPoint presentation on one topic from a list to be provided by the instructor. The presentation will be done by all members of the group. The presentation slides will be due for all groups on the first day of the presentations (November 30).

Date: November 30 - December 7

**Presentation reviews (5%):**

Each student will evaluate the work of two different groups presenting on different days. E.g., if their group presents on Nov. 30<sup>th</sup>, they will evaluate a group presenting on Dec. 5<sup>th</sup> and another group on Dec. 7<sup>th</sup>. The evaluations will be based on the delivery, content, slides design, and structure of the presentation.

Date: November 30 - December 7

**IMPORTANT DATES**

September 07	First day of ANTH451
October 10	Thanksgiving Day
November 6-12	Reading Week
December 7	Last day of ANTH451

## LECTURE SCHEDULE

(Topics and dates are subject to change)

Date	Topic	Readings
Sept. 7	Introduction to the course Film	
Sept 12	Film (cont.)	Chapter 1
Sept 14	What is Biodiversity? Species Concepts	Chapter 4
Sept 19	Primate Ecology Guest Lecture: Dr. Guillermina Hernández Cruz	Chapter 2 Estrada et al. 2017
Sept 21	Why conserve primates? Threatened species status	Chapter 3
Sept 26	Primate Abundance and Distribution: Population Biology	Chapter 6
Sept 28	Mid-term paper workshop	
Oct 3	Primate Abundance and Distribution: Population Biology (cont)	
Oct 5	Habitat disturbance	Chapter 7
Oct 10	<b>Thanksgiving Day, no class</b>	
Oct 12	Hunting and trade	Chapters 8 and 9
<b>Oct 17</b>	<b>Test 1</b>	
Oct 19	Physiological stress in wild primates Guest Lecture: Juliane Damm	Kaisin et al. 2020
Oct 24	Infectious diseases and primate conservation	Chapter 10
Oct 26	Climate change	Chapter 11
Oct 31	Primate-Human interactions Guest Lecture: Dr. Denise Spaan	Chapter 14
Nov 2	Multifunctional landscapes <b>Mid-term paper due (D2L 11:59pm)</b>	Chapter 13
Nov 7	<b>Term break</b>	
Nov 9	<b>No class</b>	
Nov 14	Conservation strategies & tactics	Chapter 15
Nov 16		Chapter 16
Nov 21	Conservation strategies & tactics (cont.)	Chapters 17 & 18
<b>Nov 23</b>	<b>Test 2</b>	
Nov 28	Presentations workshop	
Nov 30	<b>Presentation slides due (all teams)</b> Presentations 1	
Dec 5	Presentations 2	
Dec 7	Presentations 3 Last day of classes	

The last day to drop this course with no “W” notation and **still receive a tuition fee refund** is **Thursday, September 15<sup>th</sup>, 2022**. Last day add/swap a course is **Friday, September 16<sup>th</sup>, 2022**. The last day to withdraw from this course is **Wednesday, December 7<sup>th</sup>, 2022**.

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

Letter grades are assigned according to the following:

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%

***\*\*Please note that no extra credit or ‘make up’ work is available in this class\*\****

### **EXPECTATIONS FOR WRITING**

All written assignments (including, to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Sources used in research papers must be properly documented and cited. If you need help with your writing, you may use the writing support services in the Learning Commons. For further information, please refer to the official online University of Calgary Calendar, Academic Regulations, E. Course Information, E.2: Writing Across the Curriculum: <http://www.ucalgary.ca/pubs/calendar/current/e-2.html>

### **GUIDELINES FOR SUBMITTING ASSIGNMENTS**

Please submit all assignments electronically in the dropbox in D2L. Assignments may be submitted in Word or PDF format. Assignments should have a file name as follows: “First Name Last Name – Assignment Name” (e.g., Alex Smith -NSERC). Assignments must be submitted by 11:59pm on their due date. It is the student's responsibility to keep a copy of each submitted assignment and to ensure that the proper version is submitted.

### **MISSED OR LATE TESTS AND ASSIGNMENTS**

Missed tests cannot be made up without the approval of the instructor. Students who miss a test have up to **48 hours** to contact the instructor to ask for a makeup test. It is at the instructor’s discretion if they will allow a make-up exam. Students who do not schedule a makeup test with the instructor within this **48-hour period** forfeit the right to a makeup test. Once approved by the instructor a makeup test must be written within **two weeks** of the missed test on a day/time scheduled by the instructor.

Classroom materials missed due to absenteeism are the sole responsibility of the student. If students miss a required component of the course, they must contact the instructor in writing within **24 hours** to discuss options to submit and/or make-up for that component.

Students may 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. 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>

## **CONDUCT**

Students, employees, and academic staff are also expected to demonstrate behaviour in class that promotes and maintains a positive and productive learning environment. As members of the University community, students, employees, and academic staff are expected to demonstrate conduct that is consistent with the University of Calgary Calendar, the Code of Conduct and Non-Academic Misconduct policy and procedures, which can be found at: <http://www.ucalgary.ca/pubs/calendar/current/k.html>

## **USE OF INTERNET AND ELECTRONIC COMMUNICATION DEVICES IN CLASS**

The use of laptop and mobile devices is acceptable when used in a manner appropriate to the course and classroom activities. Please refrain from accessing websites and resources that may be distracting to you or for other learners during class time. Students are responsible for being aware of the of the University's internet and email use policy, which can be found a, which can be found at <https://www.ucalgary.ca/policies/files/policies/electronic-communications-policy.pdf>

## **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/university-policies-procedures/accommodation-students-disabilities-procedure>.

### **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](https://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
- Emergency Evacuation/Assembly Points
- Safewalk