



ANTH 451: Primate Ecology & Conservation **Department of Anthropology and Archaeology**

Course Outline, Fall 2021

PRE-REQUISITE: ANTH 311

CLASSROOM LOCATION: AD140 and Web-based (Zoom)

This course will be **in-person** with select **online** guest lectures.

CLASS DAYS & TIMES: in-person, Mondays 6pm – 8:45pm
synchronous online lecture, November 15

INSTRUCTOR: Dr. Kathleen Reinhardt

Office: ES 602E

E-mail: Kathleen.reinhardt@ucalgary.ca

Tel: (403) 220-6688

Office Hours: Wed 11:00 – 13:00

INSTRUCTOR EMAIL POLICY:

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

NAME & EMAIL CONTACT OF TEACHING ASSISTANT(S): Shasta Webb, shasta.webb@ucalgary.ca

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.

For online lectures:

There will be 1 synchronous Zoom sessions throughout the term (November 15), as indicated in the course schedule), and each will be recorded. **Online** lecture will be via Desire2Learn (D2L) and Zoom to accommodate guest lectures from experts in the field.

To best succeed in the course, students are encouraged to participate in the asynchronous learning tasks using the D2L learning environment and synchronous Zoom sessions. When unable to participate live due to unforeseen circumstances, inform the instructor in advance and propose and implement an alternative participation activity (e.g., watch the recordings, submit a brief reflection, and actively contribute to the follow-up online discussion).

*COURSE 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, demography and population genetics.
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. Carry out bibliographic research on topics related to written assignments.
4. Apply standard practices in scientific writing, including proper attribution of cited works.
5. Create a written report describing characteristics of a global biodiversity hotspot and comparing among priority regions.
6. Produce a written report that evaluates and critiques conservation practice *or* generate a research proposal in NSERC PGS-M format.

*LEARNING RESOURCES

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)

*LEARNING TECHNOLOGIES AND REQUIREMENTS

There is a D2L site for this course which contains required readings and other relevant class resources and materials.

In order to successfully engage in their learning experiences at the University of Calgary, students taking online, remote and blended courses are required to have reliable access to the following technology:

- A computer with a supported operating system, as well as the latest security, and malware updates;
- A current and updated web browser;
- Webcam (built-in or external);
- Microphone and speaker (built-in or external), or headset with microphone;
- Current antivirus and/or firewall software enabled;
- Broadband internet connection.

Most current laptops will have a built-in webcam, speaker and microphone.

CLASS SCHEDULE

* indicate online lectures Grey font = no class

Important Dates

September 13 – First day of ANTH451

October 18 – Test 1

Nov 1 – Hotspot Exercise due

November 7 to 13 – Term Break

November 15 – Online

November 29 – Test 2

December 06 – Last day of ANTH451

December 13 – Final paper due

(Topics subject to change)

Part I. Intrinsic Processes: Primate Ecology & Population Biology

- Sept 13 Introduction to the Course
 What is Biodiversity?
 Film: Virunga
 Reading: Chapters 1, 2, 3
- Sept 20 Population Biology
 Reading: Chapters 4, 5
- Sep 27 Ranging ecology
 Building conservation Science in Africa
 Guest Lecture: Dr. Addisu Mekonnen
 Reading: TBA
- Oct 4 Primate Distribution and Abundance
 Review Part I
 Reading: Chapters 6
- Oct 11 Thanksgiving Day
- Oct 18 Test 1**
 Guest Lecture: Shasta Webb
- Part II. Extrinsic Factors: Anthropogenic Disturbance & Conservation Approaches**
- Oct 25 Habitat Disturbance
 Reading: Chapter 7, 11, 13
- Nov 1 Hunting and primate trade
 Reading: Chapter 8, 9, 10
 Hotspots assignment due
- Nov 8 Term Break
- Nov 15 *** Conservation Strategies & Tactics

Online Guest Lecture: Dr. Stephanie Poindexter
Reading: Chapters 15, 17

Nov 22 Conservation Strategies & Tactics cont.
Review Part II
Reading: Chapter 16, 18

Nov 29 Test 2
Conservation fieldwork

Dec 6 Final paper workshops

Dec 13 Final paper due

***EXAMINATIONS**

There is no final examination.

***ASSESSMENT COMPONENTS**

- The use of aids such as textbooks, course notes or electronic devices will not be permitted during tests.

Test 1 (30%): An in-person test based on material covered in all lectures, videos and assigned readings to-date (Sept 13 – Oct 04). Tests are non-cumulative and in multiple choice and short answer format. This test will have a 60-min timeslot from when you begin, after which class will resume.

Test Date: October 18

Aligned Course Learning Outcomes: 1, 4

Hotspot Exercise (10%): Students will each write a short summary document that describes the important features of a biodiversity hotspot and conservation actions for the area. A list of hotspots will be provided to students, along with a recommended summary outline.

Maximum 4 pages, including any tables (references may be on a separate, fifth page); 12 point Times New Roman font, 1 inch margins, 1.5 or double spacing – single spacing not allowed.

Date: November 01 (via D2L)

Aligned Course Learning Outcomes: 3, 4, 5

Test 2 (30%):

An in-person test based on material covered in all lectures, videos and assigned readings to-date (October 25– Nov 22). Tests are non-cumulative and in multiple choice and short answer format. This test will have a 60-min timeslot from when you begin, after which class will resume.

Date: November 29

Aligned Course Learning Outcomes: 2, 4

Final Paper (30%): 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.

Maximum 12 pages, including any tables (references may be on a separate, fifth page); 12 point Times New Roman font, 1 inch margins, 1.5 or double spacing.

Date: by 11:59pm December 13 (via D2L)

Aligned Course Learning Outcomes: 3, 4, 6

***MISSED OR LATE ASSIGNMENTS**

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.

Assignments submitted after the deadline will have 5% of their mark deducted for each day late.

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>

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). 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.

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.

***GRADING**

A student's final grade for the course is the sum of the separate assignments. It is not necessary to pass each assignment separately in order to pass the course.

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%

University's undergraduate/graduate grading system:

<https://www.ucalgary.ca/pubs/calendar/current/f-1.html>.

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>

ADDITIONAL COURSE INFORMATION

ATTENDANCE AND PARTICIPATION EXPECTATIONS

Students are expected to attend both in-person and online class regularly and to be fully present and engaged in class activities and discussions.

GUIDELINES FOR SUBMITTING ASSIGNMENTS

Please submit all assignments electronically 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 - Hotspot Exercise). 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.

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 University's Internet and email use policy, which can be found at <https://www.ucalgary.ca/policies/files/policies/electronic-communications-policy.pdf>

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 the Zoom link or password 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 without 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 behaviour 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, please contact your instructor to arrange an alternative activity for the missed session (e.g., to review a recorded session). Please be prepared, as best as you are able, to join class in a quiet space that will allow you to be fully present and engaged in Zoom sessions. Students will be advised by their instructor when they are expected to turn on their webcam (for group work, presentations, etc.).

The instructor may record online Zoom class 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.

COURSE EVALUATIONS AND STUDENT FEEDBACK

Student feedback will be sought at the end of the course through the standard University Student Ratings of Instruction (USRI) and Faculty course evaluation forms. A midterm evaluation may also be included to provide students an opportunity to provide feedback, for the instructor to adjust their approaches to teaching and learning, and to continuously improve the course. Students are welcome to discuss the process and content of the course at any time with the instructor.

COURSE POLICIES AND PROCEDURES

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.

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SEXUAL VIOLENCE POLICY

The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at <https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf>

***OTHER IMPORTANT INFORMATION**

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
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk