

THE UNIVERSITY OF CALGARY  
DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY  
FINAL COURSE OUTLINE: Winter 2021

ANTHROPOLOGY 451.02  
GFC HOURS(3-0)

**Primate Ecology and Conservation**

Section	Days	Time	Location
LEC 02 (exam days only)	web based	(asynchronous)	Web Based Course

Instructor: Hugh Notman	Office:
Telephone: 403 403-493-2539	Email: hgwnotma@ucalgary.ca

**Contact Information**

*Email is the best way to contact me. I will respond to an email within 2-3 business days. I will be available each week on **Mondays from 1-3pm** for phone calls at the number above, or, if you cannot make this time, then by appointment. I will also set up 1 hour zoom sessions once a month to answer questions in person (see "online meeting schedule" below and course schedule at end of this document).*

**Course Objectives**

Over half of nonhuman primate taxa are currently facing the risk of extinction due to human-induced processes. In this course, we will consider this problem in three steps. First, we will look at the background and conceptual issues related to primate conservation, such as why conserve primates, species concepts, conservation genetics, and measuring primate occurrence and abundance. Second, we will discuss the threats and primary causes for the decline in primate populations including habitat loss and fragmentation, trading and hunting primates, disease, and climate change. Finally, we will critically examine the solutions and tactics proposed to reduce or eliminate these threats to their survival such as fortress conservation, translocation, multi-functional landscapes, ecosystem service payments, and evidence-based conservation practices.

**Online meeting schedule**

There are no mandatory online meetings or class lectures, as all lectures are pre-recorded and posted on D2L. **However, midterm and final exams must be done on specific dates.** The dates are as follows:

**Feb. 8** Midterm

Final exam: Registrar scheduled (btn April 19-29)

**Details about the exams will be forthcoming.**

**Optional online zoom sessions:** In addition to pre-recorded lectures I will also hold "drop-in" office hours each month by Zoom. These sessions are live discussion and Q and A sessions that I will hold on the following dates for 1 hour during my 2 hour office hours. These sessions are meant for you to discuss topics with myself and other students, ask questions about the course or about primatology in general. I will NOT go over returned tests and assignments on these sessions, as they are not private. Your TA will do that on an individual basis. **The sessions are not mandatory** but you are encouraged to attend at least once over the course in order to get the most out of the course content. I will provide a standing zoom link later.

Dates are (and they may be subject to change):

January 25 2-3pm

February 22 2-3pm

March 22 2-3pm

April 12 2-3pm

## Course Learning Outcomes

The Department of Anthropology and Archaeology is committed to student knowledge and skill development. This course is designed such that you should achieve specific learning outcomes upon successful completion.

Course Learning Outcomes	PLO(s)*	Level(s)**
Appreciate the importance of conserving primates	Dk1, 2, 4 B1	1, 2
5. Evaluate different methods for determining primate abundance, density, occurrence, and richness	DK1, 2, 4 B1	1, 2
6. Develop capacities in bibliographic research on topics related to written assignments and standard practices in scientific writing, including proper attribution of cited works..	DK1, 2, 4 B1	1, 2
Evaluate the effectiveness of conservation strategies	DK1, 2, 4 B1	1, 2
Appraise the problems related to the conservation of wild primate populations, and apply possible solutions to those problems	DK1, 2, 3, 4 B1 D2	1,2

*PLOs = Program Learning Outcomes.* **Disciplinary Knowledge (DK):** 1. Demonstrate an understanding of the basic concepts, history, terminology, methods, theoretical perspectives, issues, and contemporary concerns in their respective field. 2. Show familiarity with how their field relates to other academic disciplines. 3. Think critically about how the knowledge and skills acquired in their program can be applied to major issues in contemporary society and the student's own life. 4. Continue to engage in the disciplinary community. **Biological anthropology (B):** 1. Understand and appreciate the biological diversity of human and non-human primates in light of their evolution and environments. **Socio-Cultural anthropology Development Studies (D):** 2. Capacity to apply theories, concepts, and insights from scholarly research to practical issues and problems of development policy and practice.

**\*\*Levels:** 1. Foundation, 2. Intermediate, 3. Advanced

## Prerequisites

Prerequisite: Anth 311

## Learning Resources

Wich, S. A., & Marshall, A. J. (Eds.). (2016). *An introduction to primate conservation*. Oxford University Press.

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.

## Learning Technologies and Requirements

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 updates web browser
- Webcam (built in or external)
- Microphone and speaker (built in or external) or headset with microphone
- Broadband internet connection

## Grading (Weighting)

**Midterm:** 15% - **Monday February 8:** Test on all readings, media and lectures to that point.  
Duration: 60 minutes (+ 30 minutes extra) = 90 minutes

**Hotspots Assignment:** 25% **Due Monday March 1** (details to be posted in D2L)

**Research Paper:** 30% **Due Friday March 26** (details to be posted in D2L)

**Final exam:** 30% Registrar scheduled. Test on all readings materials *covered since the midterm*. PLEASE NOTE: Exams are “take-home” exams that you will have access to over 24 hours on the day of each exam. This means that, if your exam is on Monday Feb. 8, the quiz will be available in D2L starting at 12:01 am on that day until 12.pm that evening. However, once you access the test within that 24 hour time period you will have the time allotted to it (plus 50% extra time in case of technical difficulties) to finish the test. After that point you will no longer have access. So, if you start quiz 1 at 12:01 am on Feb. 8, you will have access to it until 1:31 am that morning (it should take you an hour or less to finish, plus the 50% contingency time).

The final exam will be 2 hour plus 1 hour.

- It is **NOT** essential to pass all components to pass the course as whole
- ***Even though this is a “take-home” exam, only pens, pencils and erasers are allowed in exams. No other materials or devices are allowed.***
- Late exam submissions will have 5%/day penalty deducted from their mark.

**During exams I will be available by phone (403 493 2539). Should you have questions or encounter technical problems please call my phone, or email me or the TA.**

### Grading System

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

In the event that a student misses a midterm or any course work due to illness, supporting documentation, such as a medical note or a statutory declaration will be required see:

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

Please refer to <https://www.ucalgary.ca/registrar/registration/appeals/student-faq> for frequently asked questions concerning the provision of a medical note/statutory declaration.

**For additional detailed course information posted by the instructor, visit the course Desire2Learn page online at <https://d2l.ucalgary.ca/d2l/home>.**

**SEE COURSE SCHEDULE BELOW....**

**Course Schedule** (some topics may change from week-to-week, and guest lecturers may be added)

<b>Week of:</b>	<b>Topic</b>	<b>Readings</b>	<b>Due</b>
Jan 11	Introduction to course; Video "Virunga"	Chapters 1 and 2	
Jan 18	Why Conserve Primates; Species Concepts and Biodiversity	Chapter 4 Estrada et al. 2017	
Jan 25	Threatened Species Status; Conservation Genetics	Chapters 3 & 5	<b>Jan 25: live 1 hr Zoom session 2pm (optional)</b>
Feb. 1	Primate Abundance and Distribution: Population Biology; Metapopulations and Landscape Ecology	Chapter 6 Mandujano et al 2006; Arroyo-Rodríguez and Fahrig 2014	
<b>Feb 8</b>	<b>Test 1</b>		
<b>Feb 15-19</b>	<b>Reading Break – No Classes</b>		
Feb 22	Changing Habitats; Primate Pet Trade and Hunting	Chapters 7, 8 and 9	<b>Feb. 22: live 1 hr Zoom session 2pm (optional)</b>
March 1	Infectious Disease and Primate Conservation; Climate Change	Chapter 10 and 11	<b>Hotspots exercise due March 1</b>
March 8	Fortress Conservation: Lessons learned.	Chapter 12	
March 15	Human Primate Interaction: Conflict or Benefit?	Chapters 13 and 14	
March 22	Solutions to Primate Conservation I: Translocation	Chapter 15	<b>Term Paper Due Friday March 26</b> <b>March 22: Live 1 hr Zoom session 2pm</b>

			<b>(optional)</b>
March 29	Solutions to Primate Conservation II: Ecosystem Services	Chapter 16	
April 5	Solutions to Primate Conservation III: Evidence-Based Conservation	Chapter 17	
April 12	The Future of Primate Conservation	Chapter 18	<b>April 12 : Live 1 hr Zoom event 2 pm (optional) Final exam registrar scheduled btn Apr. 19- 29</b>

### ***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: [www.ucalgary.ca/pubs/calendar/current/k.html](http://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.

### **Human subjects**

N/A

### **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 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 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, 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.

### **Accessibility**

Closed-captioning will be available on YUJA for recorded lectures

### **Posting of Grades and Review of tests**

Exam grades will be posted on D2L. In order to protect the integrity of exams, exam papers will NOT be returned to students, nor will questions be provided once they are done. If you would like to review your exam or have any questions about them you will contact the TA and arrange a Zoom meeting. Only questions in error will be provided at this time.

### **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: [www.ucalgary.ca/ombuds/](http://www.ucalgary.ca/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.