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ANTH 413 (LEC01)  
Methods in Primatology  
GFC Hours 3-3  
Fall 2023

<b>Instructor:</b>	Dr. M. Pavelka	<b>Lecture Location:</b>	ST 147
<b>Phone:</b>	403-220-4174	<b>Lecture Days/Time:</b>	Tue 2-4:45 pm
<b>Email:</b>	<a href="mailto:pavelka@ucalgary.ca">pavelka@ucalgary.ca</a>	<b>Lab Days/Time:</b>	Thu 2-4:45 pm
<b>Office:</b>	ES 602B		
<b>Office Hours:</b>	TBA		
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<b>Teaching Assistants</b>	<b>TA Email</b>		
Amanda Seyler	<a href="mailto:amanda.seyler@ucalgary.ca">amanda.seyler@ucalgary.ca</a>		
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**Prerequisite(s):** Anthropology 201 and 311

### COURSE DESCRIPTION

Focus on observational methods and analysis, with practical application in laboratory study at the Calgary Zoo.

**Notes:** A supplementary fee will be assessed to cover additional costs associated with this course.

### 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:

1. Identify general primate anatomical, life history and behavioural characteristics social systems.
2. Compose clear behavioural research questions appropriate for captive primates.
3. Identify the research variables needed to test hypotheses to answer the research question.
4. Collect reliable and valid behavioural data on captive primates in order to quantify research variables.
5. Defend and/or criticize the role of zoological parks in primate research and conservation

## **READINGS AND TEXTBOOKS:**

We have one required **textbook** for this course, as well as several required readings from the relevant literature that will be posted in the D2L folder Lectures and Readings.

Textbook: Teichroeb, Corewyn, and Paterson. Primate Behavior: An Exercise Workbook. 3<sup>rd</sup> Edition. 2021

## **REQUIRED TECHNOLOGY and EQUIPMENT:**

You will need a device for accessing materials in D2L, and you are welcome to use a flat surface device to take notes in class, however the use of laptops and phones is not allowed in class. The advantages of handwritten lecture notes will be discussed in class.

## **SUPPLEMENTARY FEES**

**Calgary Zoo Membership** – To conduct the research exercises at a minimum cost, students will need to purchase a special Student Membership in the Calgary Zoological Society which is available at a discounted rate (\$36.70). Details on how to obtain this discounted membership will be provided in class.

## **COURSE REQUIREMENTS AND ASSESSMENT**

### **Three in class written tests 50%**

**Test One – 20% - October 10**, 2 – 3 pm. Important group work to follow from 3:15 – 4:45. This test will be short answer and short essay, handwritten in class, closed book. This test will cover all lectures, labs, and readings from September 12 – October 10.

**Test Two – 20% - November 21**, 2 – 3 pm. Important group work to follow from 3:15 – 4:45. This test will be short answer and short essay, handwritten in class, closed book. This test will cover all lectures, labs, and readings from October 12 to November 21.

**Test Three – 10% - December 5**, 2 – 3 pm. Important group work to follow from 3:15 – 4:45. This test will be short answer and short essay, handwritten in class, closed book. This test will cover all lectures, labs, and readings from November 23 – December 5.

The tests are not cumulative except in the sense that your understanding of material from any point earlier in the class may help you to perform better.

Missed examinations/tests cannot be made up without the approval of the instructor. Exams 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>).

Students who miss a test/exam have up to **48 hours** to contact the instructor to ask for a makeup test/exam. Students who do not schedule a makeup test/exam with the instructor within this 48-

hour period forfeit the right to a makeup test/exam. Makeup tests/exams may differ significantly (in form and/or content) from the regularly scheduled test/exam. For example, the make-up test may be an in person oral exam or a take home essay exam. Format of any make-up tests are entirely at the discretion of the instructor. . Once approved by the instructor a makeup test/exam must be taken within **two weeks** of the missed test/exam on a day/time scheduled by the instructor.

**Ten lab reports worth 5% each = 50%**

Attendance at the labs on Thursday from 2 – 4:45 is **mandatory**. Each week there will be specific data collection assigned. The data collected as well as a 2 page report from this data is due on the Monday by 4 pm after each Thursday lab, submitted into Dropbox in D2L. The specific details of the lab schedule is still TBA (but see tentative lecture and lab schedule below). The assignment for each Thursday lab will be explained in the final 30 minutes of Tuesday classes, and this explanation then posted in D2L in the Labs folder.

Dr. Pavelka and the Teaching Assistants will be at the zoo Thursday afternoons to take attendance as well as provide assistance and answer questions as necessary.

A scan of raw data collected during that lab time plus a 2 page lab report (word doc) is due in D2L Dropbox by 4 pm on the following Mondays:

1. September 18
2. September 25
3. October 2
4. October 9
5. October 16
6. October 23
7. October 30
8. November 6
9. November 13
10. November 27

Late lab reports will be penalized 5% per day, including holidays and weekends. All assignments must be submitted to the Dropbox folder on D2L.

You do not need to pass each course components (3 tests and 10 labs) to pass this course.  
Students will receive a score of zero for missed tests and assignments.

Extra credit work is/is **NOT** available in this class.

**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%

### 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 Region 3.

### 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

**Devices in class:** flat surface devices compatible with taking hand-written notes are allowed in class, however, the **use of laptops and smartphones during lectures, is (generally) not permitted.** The reasons for this will be explained more fully in class, but mainly it is to avoid the visual and auditory interference and distraction of computer screens and keyboard clicking in class. This classroom regulation is designed to allow all students to focus and learn during the 75 minutes of in-class lecture and discussion time. Student feedback about this classroom regulation, which has been in place for well over a decade, has been overwhelmingly positive. As has the feedback on the maintenance of a “chatter free” classroom that allows students to pay attention to the lecture and discussion material.

***Tentative* Lecture, Lab, and Reading Schedule**  
**Updates to this schedule will be posted regularly**  
**Dates of Tests will not change**

Date	Tuesday Lectures/Tests 2 – 5 pm	Sept 7	Thursday Labs - Calgary Zoo 2 – 5 pm
Sept 5	Intro to the Course	Sept 7	Intro to the Course repeat
Sept 12	History of Primatology	Sept 14	Orientation
Sept 19	Zoos and captive research Reading: Assessing the Role of Zoos in Wildlife Conservation	Sept 21	Individual and Age Sex Class Identification
Sept 26	Behavioral data collection methods Reading: Altmann 1973	Sept 28	Reconnaissance Observations
Oct 3	Steps in conducting a research project	Oct 5	Ethogram Development and Species Differences
Oct 10	<b>Test One 20%</b> <b>Mandatory attendance class discussion</b>	Oct 12	Focal Animal Data S1
Oct 17	TBA	Oct 19	Focal Animal Data S2
Oct 24	TBA	Oct 26	Scan Sampling S1
Oct 31	TBA	Nov 2	Scan Sampling S2
Nov 7	TBA	Nov 9	TBA
Nov 14	Reading Break	Nov 16	Reading Break
Nov 21	<b>Test Two 20%</b> <b>Mandatory attendance class discussion</b>	Nov 23	TBA
Nov 28	TBA	Nov 30	
Dec 5	<b>Test Three 10%</b> <b>Mandatory attendance class discussion</b>		

The last 20 – 30 minutes of Tuesday class will explain the lab activity and report requirements  
for Thursday class at the zoo.

## 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

### **IMPORTANT DATES**

M Sept 4	Labour Day, No Classes
T Sept 5	Start of Classes
R Sept 14	Last day to drop a class without a financial penalty
F Sept 15	Last day to add or swap a course
F Sept 22	Fee payment deadline for Fall Term full and half courses.
S Sept 30	National Truth and Reconciliation Day
M Oct 9	Thanksgiving Day, No Classes.
M Nov 13	Remembrance Day Observance
Nov 12-18	Reading Break. No classes.
W Dec 6	Fall Term Lectures End. Last day to withdraw with permission from Fall Term half courses.
Dec 9-20	Fall Final Exam Period.

Dec 25-31	Holiday Observance, University Closed.
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<https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html#fall2017>