
ANTH 553
Field Study: Primate Behaviour Research Design
GFC Hours 3 units (36 Hours)
Spring 2023

Instructor:	M. Pavelka	Lecture Location:	ES 702
Phone:	403-2204174	Lecture Days/Time:	MTWRF 8am–4pm
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Office:	ES 602B		
Office Hours:	MTWRF 4 – 5 pm		

Prerequisite(s): Consent of the Department

Corequisite: Anth 552 and Anth 505

COURSE DESCRIPTION

Design of a research project, including the identification and operationalization of a research question and the collection and analysis of data.

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:

- Clearly articulate a research question to form the foundation of a research project
- Understand the relationship between research questions, hypotheses, and predictions
- Identify and operationalize appropriate research variables and assess their reliability, validity, unit of analysis etc
- Be familiar with the types of behavioral measures commonly used in primate behavior research
- Know how to collect quantitative and qualitative behavioral data
- Understand basic mapping using ArcGIS
- Understand the ethical issues involved in primate field research

REQUIRED READINGS AND TEXTBOOKS:

- Readings from the relevant literature as indicated in the Schedule – links provided on D2L

REQUIRED TECHNOLOGY and EQUIPMENT: The following technology is required for accessing materials in D2L

- A computer with a supported operating system, as well as the latest security and malware updates
- A current and updated web browser
- Current antivirus and/or firewall software enabled
- Stable internet connection

COURSE REQUIREMENTS AND ASSESSMENT

1. Attendance & Participation 20% May 1 – May 5 all day

This score however it will be based on arriving on time every day, participating appropriately via questions and comments directed to the instructor/class, as well as responding when questions are put to the class. Behaving and interacting in a supportive and respectful manner to classmates, program assistants, and instructors. Contributing actively in group work.

2. Literature Assignment 1 20% May 8

In this assignment the class is given an article reporting on primary data collected on the feeding ecology of a howler monkey species. The assignment is to identify all variables measured in the study, and **for each variable** in the study:

- identify the relevant sample size and unit of analysis
- assess the reliability and validity of the measures
- give an example of a value for that variable and the scale of measurement
- the form of data collection that will provide these values

Assignment one will be conducted partially in class. After everyone has read the article and the lecture explaining of all the above is complete, we will break into groups to begin identifying the variables. We will come back together as a class and each group will have a turn at providing one variable and discussing its properties. This will be led by the instructor to show what is expected for this assignment. After each group has had a chance to contribute, final instructions will be given, and students will write up the final assignment (2 – 3 pages) on their own or in groups of their choice.

3. Literature Assignment 2 25% May 21

After Assignment 1 is returned to the students with feedback, a second article will be assigned with the same expectations, to be completed in small groups.

4. Exam – 3-hour written in person 35% May 5 2 – 4 pm

A written in person exam, on paper provided. It will be short answer and short essay, held on Friday afternoon. This exam will be closed book and cover anything that was included in the week's lectures, workshops, and readings.

Missed examinations/tests cannot be made up without the approval of the instructor. Exams may only be deferred in the case of illness or medical emergency, religious observance, or domestic affliction (see: <https://www.ucalgary.ca/registrar/exams/deferred-final-exams>).

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 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.

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.

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. 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 Anth 553 Panama Primatology May 2023

Day	Time	Activity	Topic
Monday May 1	9:00	Introductions Activity	
	10:00	Lecture	Course Requirements Anth 553 Steps in Conducting a Research Project: from a general area of interest to a question, hypotheses, and predictions
	12:30	Lunch break	
	1:30	Lecture	Variables: Linking the Question to the Methods Behavioral and Ecological Measures Scales of Measurement Units of Measurement vs Unit of Analysis Reliability and Validity
	3:00	Lecture and Activity	Intro to mapping Collecting location data points
Tuesday May 2	9:00	Lecture	Behavioral Data Collection: Ad Libitum, Focal Animal, Scan Vegetation Sampling: Phenology Trails and Veg

			Plots Course Requirements Anth 552 and 505
	12:30	Lunch break	
	1:30	Lecture	More of the above More mapping Assign Silver Feeding Ecology Paper
Wednesday May 3	9:00	Guest Lecture	Chelsea Rozanski – Indigenous People/Issues, Bocas del Toro
	10:30	Lecture	Ethical Issues in Primate Fieldwork
	12:30	Lunch break	
	1:30	Workshop	Group Dynamics on Extended Trips (PVM Consulting)
	3:30	Lecture/discussion	Daily fieldwork activities at ITEC
Thursday May 4	9:00		Silver Feeding Ecology Assignment Workshop
	12:30	Lunch Break	
	1:30	TBA	
Friday May 5	9:00	Review	Review and Q&A Study Session
	12:00	Lunch break	
	1:00 – 4 pm	Exam	Written Exam on anything covered in preceding week