

**ANTHROPOLOGY 413**  
**Method & Theory in Primatology**  
**Fall 2014**

**Lecture:** Tues 14:00-16:50  
**Location:** Engineering E 322

**Laboratory:** Thur 14:00-16:50  
**Location:** Calgary Zoo

**Instructor:** Dr. Steig Johnson  
Office: Earth Sciences 710D  
Tel: 220-6070  
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Office Hours: Tues 10:00-12:00

**TA:** Mackenzie Bergstrom  
E-mail: mbergstr@ucalgary.ca  
*The Teaching Assistant is available to meet with students during laboratory hours*

**REQUIRED TEXTS**

Patterson JD. 2001. Primate Behaviour: An Exercise Workbook. 2nd ed. Prospect Heights, Ill: Waveland Press, Inc.

Setchell JM, and Curtis DJ. 2011. Field and Laboratory Methods in Primatology: A Practical Guide. 2nd ed. Cambridge: Cambridge University Press.

**COURSE DESCRIPTION**

In this course, we will address research methods in the study of primate social systems. The laboratory component consists of instruction in observational methodology and exercises. We will take students through the various stages of the research process, including research topics and hypotheses, methodology, data collection, analysis, and presentation. The goal is to help students develop the skills to conduct advanced, independent research in primatology, whether in captivity or in a field environment.

**COURSE REQUIREMENTS**

Prior completion of ANTH 311 is required for this course. Students are expected to attend lectures and to participate in all assigned exercises. Some of the work for this course will be conducted at the Calgary Zoo, and attendance for scheduled labs is mandatory. Accommodation will be made for the transportation time of students with courses held on campus immediately prior to lab hours. Students are responsible for materials covered in the textbooks and videos. Classroom materials missed due to absenteeism are the sole responsibility of the student.

**IMPORTANT DATES**

September 8	First day of Fall lectures
November 8-11	Reading Days
December 5	Last day of Fall lectures



## COURSE ASSIGNMENTS

	<b>Due Date</b>	<b>% Total Grade</b>
Lab Assignment #1	October 9	10%
Test #1	October 14	25%
Lab Assignment #2	November 6	20%
Test #2	November 18	25%
Lab Assignment #3	December 5	20%

There is no Registrar scheduled final exam for this course. Tests are multiple choice and short answer format. Only basic calculators and pens/pencils may be used for tests. Make-up tests **will not be given** unless you have written proof of medical or other dire emergency. Exercises submitted late must have written proof of medical or other dire emergency. Without supporting documentation, late penalties may apply, or the assignment may not be accepted. You must contact the instructor (*not* the teaching assistant) via e-mail or telephone or the Anthropology Department (220-6516) **before** the missed test or assignment and explain the reason for the absence. If you foresee a missed test or assignment due to a personal scheduling conflict, you must contact the instructor at least two weeks prior to the due date. In these cases, make-ups and extensions are at the sole discretion of the instructor.

## MARKING GUIDELINES

A+	94.9–100%	C+	66.9–70.8%
A	89.9–94.8%	C	62.9–66.8%
A-	84.9–89.8%	C-	58.9–62.8%
B+	79.9–84.8%	D+	54.9–58.8%
B	74.9–79.8%	D	49.9–54.8%
B-	70.9–74.8%	F	49.8% and below

A passing grade on any particular component of the course is not essential for the student to pass the course as a whole.

## LECTURE SCHEDULE

*Subject to change, including reading assignments*

### Part I. Methods in Primate Ethology

*Reading: Paterson Chapters 1-5, Setchell & Curtis Chapter 1*

Sep 9	General Introduction to the Course
Sep 16	Introduction to Primatology
Sep 23	Behaviour Basics Observational Methods
Sep 30	Research Design Analysis
Oct 7	Scientific Writing
Oct 14	<b>Test #1</b> , Organizing Data in MS Excel

## Part II. Methods in Field Ecology

Reading: Paterson Exercises 14-19, Setchell & Curtis Chapters 3, 6, 8, 10, 12, 13, 14, 20, 21

- Oct 21          Sampling Wild Populations  
                  Analysis of Ranging Behaviour
- Oct 28          Habitat Sampling  
                  Analysis of Primate Diets
- Nov 4          Animal Handling & Non-Invasive Techniques
- Nov 11         *No Lecture (Reading Days)*
- Nov 18         *Test #2*
- Nov 25-Dec 2 In-class assistance; TBA

## LABORATORY SCHEDULE & ASSIGNMENTS

### Sep 11 – No labs for the first week

### Sep 18-Nov 27 – Regular Laboratory Meetings at the Calgary Zoo

We will meet weekly on Thur at the Zoo to discuss lab assignments, provide help and feedback, etc. The instructor and/or teaching assistant will be present at these times. **You must attend scheduled labs.** However, if you wish to collect data *beyond* the required minimum observation time, you are free to work independently on assignments at any other time during Zoo business hours.

### Oct 9 – Assignment #1 due at the lab meeting at the Calgary Zoo at 2 pm

This assignment is based on Exercise 4 in Paterson's workbook. Further instructions will be provided in the Sep 18 laboratory.

### Nov 6 – Assignment #2 due at the lab meeting at the Calgary Zoo at 2 pm

This assignment is based on Exercise 6 in Paterson's workbook. Further instructions will be provided.

### Dec 4 – Assignment #3 due in the drop box outside of the Anthropology & Archaeology Office (ES 620) at 4 pm

This assignment is based on Exercise 9 in Paterson's workbook. Further instructions will be provided.

## ACADEMIC ACCOMMODATIONS

It is the student's responsibility to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at 220-8237. Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. You are also required to discuss your needs with your instructor no later than fourteen (14) days after the start of this course.

## **EMERGENCY EVACUATION/ASSEMBLY POINTS (ENGINEERING A)**

Primary Assembly Point: ICT - Food Court

Alternate Assembly Point: Social Science - Food Court

## **SAFEWALK**

Twenty-four hours a day and seven days a week, Safewalk volunteers walk people safely to their destination on campus. This service is free and available to students, staff, and campus visitors thanks to a collaboration between Campus Security and the Students' Union.

To request Safewalk volunteers:

Call 403-220-5333 (24 hours a day/seven days a week, 365 days a year)

Use the Help Phones (they are not just for emergencies)

Approach an on-duty Safewalker and request a walk

For more information call the Safewalk office at 403-220-4750 or email [safewalk@ucalgary.ca](mailto:safewalk@ucalgary.ca).

## **ADDITIONAL NOTES**

To conduct the research exercises at a minimum cost, students will need to purchase a Student Membership in the Calgary Zoological Society (details to be provided; last year's pass was \$30 + GST but this is subject to change). When working at the Calgary Zoo, please do not act as information providers to the public. Please refer curious fellow visitors to the Zoo staff or docents for information on the animals.

Please be respectful of Zoo visitors by allowing them access to viewing areas and walkways, refraining from loud or disruptive conversation, etc. Also please be respectful to all animals at the Zoo, including avoiding eye contact, refraining from tapping on enclosure glass or otherwise attempting to engage the animals, etc.

Students are not expected to participate as subjects or researchers in research on human subjects (only nonhuman primates!).

Use of internet-enabled laptop computers and tablet devices are permitted in lectures but only for the purpose of note-taking and course-related Internet searches. **Mobile phones are not permitted for any purpose.**

Freedom of Information and Protection of Privacy (FOIP) Act information is available at <http://www.ucalgary.ca/legalservices/foip/>.

Student Union representative contact information is available at <http://www.su.ucalgary.ca>.  
Information regarding the Student Ombudsperson is available at <http://www.su.ucalgary.ca/page/quality-education/academic-services/student-rights>.

## **PLAGIARISM AND CHEATING**

Plagiarism: "to steal and pass off the ideas or words of another as one's own" (Webster's). Plagiarism will not be tolerated and will automatically result in a failing grade for the submission. Any student caught plagiarizing will also be subject to additional University sanctions. Students are expected to be familiar with the Anthropology Department's policy on intellectual honesty available at: <http://www.anth.ucalgary.ca/home/links/intellectual-honesty-guidelines>.