



ANTH 435 (LEC 01)
Evolution of Human Behavior
GFC Hours 3-0
Winter 2023

Instructor:	Dr. M. Pavelka	Lecture Location:	AD 142
Phone:	403-220-4174	Lecture Days/Time:	Tues/Thurs 12:30 – 1:45 pm
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Office Hours:	Tues/Thur 2:00 – 3:00 pm Or by appointment		
Teaching Assistant:	Zachary Jacobson		
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TA Office Hours:	By appointment		

Prerequisite(s): Anthropology 311 – Primate Behavior

COURSE DESCRIPTION

Analysis of evolutionary principles and processes (such as natural selection, sexual selection, kin selection, parental investment) as they are applied to the current study of human and non-human primate behaviour.

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:

- Explain both current and historical perspectives on our place in nature
- Participate knowledgeably regarding evolutionary approaches to human behavior
- Understand some of the differences between evolutionary approaches in psychology and anthropology
- Recognize adaptationist arguments and be able to offer alternatives
- Understand and explain resistance to and misunderstandings of evolutionary approaches to human behavior

REQUIRED READINGS AND TEXTBOOKS:

Two to four readings per week from the relevant literature will be posted (links or PDFs) in D2L. A tentative list of these reading will be provided in the first week of class.

REQUIRED TECHNOLOGY and EQUIPMENT:

- 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
- A stable internet connection when you are accessing materials in D2L

COURSE REQUIREMENTS AND ASSESSMENT - Three Take Home Essay Exams – discussed further in class

Test One – 30% - Available in class Tues Feb 7, answers due Mon Feb 13 midnight

Test Two – 30% - Available in class Tues Mar 14, answers due Mon Mar 20 midnight

Test Three – 40% - Available in class Tue Apr 11, answers due Mon Apr 17 midnight

Each test will consist of one essay question to be answered in 1800 words, drawing upon the material taught in the preceding lectures and required readings. The question given for Tests Two and Three may involve any prior lectures and readings. The tests are open book in that you can and should consult the lectures and readings in the preparation of your answer. You have one week to complete each test. You are NOT expected to spend the whole week on the test, rather you are given this time frame to allow you to find the best time to complete the test. I suggest that you set aside 10 – 15 hours to write and edit your answer, **assuming that** you have attended the lectures and done the readings over the preceding weeks. Completed exams will be submitted in D2L (details to be provided in class). Your exam answer must begin with a restatement of the question, a one-page outline of your answer (worth 10% of the mark), the word count of the answer (not including the outline), and then the actual answer. Your answer should be organized such that it clearly answers the different parts of the question, rather than in the Intro, Body, Conclusion format. Direct “word for word” quotes from the readings should be used sparingly and only when the exact wording is important to the point you are making. Follow the citation style used in articles from the journal *Evolutionary Anthropology*. You can talk to others about your plans to answer the questions if you wish but be *very careful* not to submit an exam that contains the same material (exact or very similar wording) as another student. We will discuss how to best approach each exam further in class.

Extra credit work is not available in this class. Completion of all three tests is not required to pass the course, although it is very unlikely that with a zero score on one of the tests you could still have above 50% overall. Late assignments may result in a penalty of up to 5% per day. Please reach out to the Instructor as soon as possible if you feel that an assignment may be 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>

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%
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Land Acknowledgement

The Department of Anthropology and Archaeology acknowledges the traditional territories of the people of the Treaty 7 region in Southern Alberta, which includes the Blackfoot Confederacy (comprising the Siksika, Piikani, and Kainai First Nations), as well as the Tsuut’ina First Nation, and the Stoney Nakoda (including the Chiniki, Bearspaw, and Wesley First Nations). The City of Calgary is also home to 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.

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

Tuesday Jan 10	Intro to the Course
Thursday Jan 12	Our Place in Nature & Sources of Variation
Tuesday Jan 17	Our Place in Nature & Sources of Variation continued
Thursday Jan 19	Our Place in Nature & Sources of Variation continued OR Sexual Selection and Parental Investment
Tuesday Jan 24	Sexual Selection and Parental Investment continued
Thursday Jan 26	Sexual Selection and Parental Investment continued
Tuesday Jan 31	Sexual Conflict in Primates and Humans
Thursday Feb 2	Sexual Conflict in Primates and Humans
Tuesday Feb 7	Lecture TBA - TAKE HOME TEST ONE made available
Thursday Feb 9	No class - TAKE HOME TEST ONE
Tuesday Feb 14	Evolutionary Psych and Human Sociobiology
Thursday Feb 16	Evolutionary Psych and Human Sociobiology continued
Tuesday Feb 21	READING WEEK
Thursday Feb 23	READING WEEK
Tuesday Feb 28	Environment of Evolutionary Adaptiveness (EEA) vs Adaptively Relevant Environments (ARE)
Thursday Mar 2	EEA vs ARE continued
Tuesday Mar 7	Genetic Contributions to Behavior

Thursday Mar 9 Genetic Contributions to Behavior continued

Tuesday Mar 14 Lecture TBA - TAKE HOME TEST TWO made available

Thursday Mar 16 No class - TAKE HOME TEST TWO

Tuesday Mar 21 Adaptationism

Thursday Mar 23 Adaptationism continued

Tuesday Mar 28 Aging and Menopause

Thursday Mar 30 Aging and Menopause continued

Tuesday Apr 4 Resistance to Cross-Species Evolutionary Approaches

Thursday Apr 6 Resistance to Cross-Species Evolutionary Approaches cont.

Tuesday Apr 11 Lecture TBA - TAKE HOME TEST THREE made available

IMPORTANT DATES

M Jan 9	First day of Winter Term lectures
R Jan 19	Last day to drop a class without a financial penalty
F Jan 20	Last day to add or swap a course
F Jan 27	Fee payment deadline for Winter Term full and half courses.
Feb 20-24	Reading Break. No classes.
F Apr 7	Good Friday, University closed. No classes.
M Apr 10	Easter Monday, University closed. No classes.
W Apr 12	Winter Term Lectures End. Last day to withdraw with permission from Winter Term half courses.
Apr 15-26	Winter Final Exam Period

<https://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html#fall2017>