
ANTH 201 (LEC01)
Introduction to Biological Anthropology
GFC Hours 3-0
Winter 2024

Prerequisite(s): None

COURSE DESCRIPTION

Introduction to Biological Anthropology (ANTH201) offers a comprehensive journey through diverse topics, including evolutionary processes, primate and human evolution, and modern human diversity. Delve into the biological mechanisms shaping evolution, interpret data from the human fossil record, and examine the intricacies of modern human traits. Rooted in evolutionary theory, the course integrates genetics, paleontology, and primatology, providing a holistic understanding of humanity's place in nature. From the complex interplay of biology and culture to the examination of material culture, students gain insight into the evolutionary development of the human species. The course covers the models and mechanisms of human evolution, modern human variation and adaptation, and the origin, development, and dispersal of humans. This exploration not only sheds light on our past but also equips students with the tools to comprehend the present and envision the future. Join us on this fascinating journey to uncover the story of our species.

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. Comprehend Evolutionary Thought: Students will describe the development of evolutionary thought in the Western intellectual tradition, gaining a deep understanding

of the mechanisms of evolutionary change, including basic genetics and the processes involved in the evolution of new species.

2. Primate Understanding: Recognize our place in nature within the order Primates, appreciating the reasons for studying primates as biological anthropologists.
3. Human Evolution Knowledge: Describe and recall the intricate path of human evolution, understanding the factors leading to the divergence of the line that ultimately resulted in modern humans.
4. Critical Evaluation of Information: Evaluate emerging and future reports and news items related to the discovery of new fossils, insights into human and primate behaviour, and the complex biological basis of life. Students will become informed consumers of new information in the field.
5. Biological Diversity and Applications: Appreciate the biological diversity of modern humans, understand the modern applications of biological anthropology, and engage in informed discussions about the legacy and prospects for our species.

READINGS AND TEXTBOOKS:

- Required Textbook – Keenlyside A. and R. Lazenby, *A Human Voyage*, 2nd Edition, 2015.
Lectures and textbook chapters are coordinated to some extent and thus there is some overlap in the required readings and the lectures. However students are responsible for any material in the textbook whether or not it is covered in class, and any material from the lectures, whether or not it is covered in the textbook.

REQUIRED TECHNOLOGY and EQUIPMENT:

- There is a D2L site for this course which contains lecture slides, readings and other relevant class resources and materials. A computer and internet connection are required for access to the D2L course website. If you do not have access to a computer, they can be booked at the library.
- **Lecture Slides**: Lecture slides will be posted before class in D2L. Posted slides are intended to enhance the lecture and augment your handwritten notes of lecture material, not replace them. The posted notes are **NOT** sufficient without the lectures themselves. *Class attendance and note taking are positively correlated with test performance and final grade.*

COURSE REQUIREMENTS AND ASSESSMENT

Assessment	Weight	Range	Date
Test 01	25%	CH.01 to CH.05 and Lectures	2024/01/25
Test 02	25%	CH.06 to CH.09 and Lectures	2024/02/15
Test 03	35%	CH.10 to CH.13 and Lectures	2024/03/21
Test 04	15%	CH.14 to CH.16 and Lectures	2024/04/09

Test Format

- All tests are in a **multiple choice format**.
- It is **NOT** essential to pass all components to pass the course as whole
- This is an **“in person”** and **“closed book”** exam. The use of aids such as textbooks, course notes or electronic devices will **NOT** be permitted during tests.

Deferral and Missed Tests:

- Missed tests cannot be made up without the approval of the instructor.
- Students who miss a test have up to **48 hours** to contact the instructor to ask for a makeup test/exam. It is at the instructor’s discretion if they will allow a make-up exam.
- Students who do not schedule a makeup test with the instructor within this **48-hour** period forfeit the right to a makeup test.
- At the instructor’s discretion, a makeup test may differ significantly (in form and/or content) from a regularly scheduled test.
- Once approved by the instructor a makeup test must be written **within two weeks** of the missed test on a day/time scheduled by the instructor.

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 (Districts 5 and 6).

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

INSTRUCTOR AND TEACHING ASSISTANT EMAIL POLICY

Please note that all course communications must occur through your @ucalgary email. Please include the course title (ANTH 201) in the subject heading, and your full name in the email.

USE OF INTERNET AND ELECTRONIC COMMUNICATION DEVICES IN CLASS

Students are responsible for being aware of the University's Internet and email use policy, which can be found at <https://www.ucalgary.ca/policies/files/policies/electroniccommunications-policy.pdf>.

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.

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

No	WK	Date	Topic	Reading
01	01	2024/01/09(Tue)	What is Biological Anthropology	CH.1
02		2024/01/11(Thu)	The Development of Evolutionary Theory	CH 2
03	02	2024/01/16(Tue)	Human Variation: Molecular Biology and Genetics	CH 3
04		2024/01/18(Thu)	Evolution and Speciation	CH 4
05	03	2024/01/23(Tue)	Primates in Biological Anthropology	CH 5
06		2024/01/25(Thu)	Exam 01 (25%)	
07	04	2024/01/30(Tue)	Understanding Primates: Ecology and Behaviours	CH 6
08		2024/02/01(Thu)	Primate Evolution: The Fossil Records	CH 7
09	05	2024/02/06(Tue)	Primate Evolution: Ancestors and Distribution	CH 7
10		2024/02/08(Thu)	Defining Hominins	CH 8
11	06	2024/02/13(Tue)	Branching Out: The Origin of Hominins	CH 9
12		2024/02/15(Thu)	Exam 01 (25%)	
13	07	2024/02/20(Tue)	Term Break (NO CLASS)	
14		2024/02/22(Thu)	Term Break (NO CLASS)	
15	08	2024/02/27(Tue)	Distribution of Early Homo	CH 10 (p. 224-239)
16		2024/02/29(Thu)	Behavioural of Early Homo	CH 10 (p.240-247)
17	09	2024/03/05(Tue)	Local Adaptation of Archaic Homo	CH 11 (p.248-254)
18		2024/03/07(Thu)	Neanderthals	CH 11 (p.255-273)
19	10	2024/03/12(Tue)	<i>Homo sapiens</i> – Anatomically Modern Human	CH 12 (p.274-282)
20		2024/03/14(Thu)	Upper Paleolithic: Colonizing the Globe	CH 12 (p.283-295)
21	11	2024/03/19(Tue)	Diversity and Variation in Modern Human	CH 13
22		2024/03/21(Thu)	Exam 03 (35%)	
23	12	2024/03/26(Tue)	Human Biology: Population Past	CH 14
24		2024/03/28(Thu)	Human Biology: Population Now	CH 14
25	13	2024/04/02(Tue)	Biological Anthropology in Modern Society	CH 15
26		2024/04/04(Thu)	Biological Anthropology in Social Context	CH 16
27	14	2024/04/09(Tue)	Exam 04 (15%)	

IMPORTANT DATES

M Jan 8	Start of Classes
R Jan 18	Last day to drop a class without a financial penalty
F Jan 19	Last day to add or swap a course
F Jan 26	Fee payment deadline for Fall Term full and half courses.

M Feb 19	Alberta Family Day No Classes.
Feb 18-24	Reading Break. No classes.
F Mar 29	Good Friday no classes
M Apr 1	Easter Monday no classes
T Apr 9	End of classes Last day to withdraw from half courses.
Apr 12-23	Fall Final Exam Period.
May 20-25	Exam period for Registrar deferred final exams

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