

COURSE SYLLABUS



COURSE TITLE: ANTH-260: Human Evolution and Diversity

CLASS SECTION: 01

TERM: Fall 2022

COURSE CREDITS: 3

DELIVERY METHOD(S): In person

Camosun College campuses are located on the traditional territories of the Lək̓ʷəŋən and W̱SÁNEĆ peoples. We acknowledge their welcome and graciousness to the students who seek knowledge here. Learn more about Camosun's [Territorial Acknowledgement](#).

For COVID-19 information please visit <https://camosun.ca/about/covid-19-updates>

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable explanation in advance, you will be removed from the course and the space offered to the next waitlisted student.

INSTRUCTOR DETAILS

NAME: Katie Waterhouse

EMAIL: waterhousek@camosun.bc.ca

OFFICE: Y207

HOURS:

As your course instructor, I endeavour to provide an inclusive learning environment. However, if you experience barriers to learning in this course, do not hesitate to discuss them with me. Camosun College is committed to identifying and removing institutional and social barriers that prevent access and impede success.

CALENDAR DESCRIPTION

This introduction to biological anthropology explores a range of topics: non-human primates; the human fossil record; human population diversity, human growth and development, health and disease.

PREREQUISITE(S):

One of:

- C in any 100-level ANTH
- C in any 100-level BIOL

CO-REQUISITE(S):

Not Applicable

EXCLUSION(S):

Not Applicable

COURSE LEARNING OUTCOMES / OBJECTIVES

Upon completion of this course a student will be able to:

1. Discuss the evidence and theories for the origin and evolution of the human species.
2. Identify and explain the forces of evolution as applied to human evolution.
3. Explain and analyze the relationship between human biology and culture.
4. Explain why humans belong to the primate order.
5. Explain human biological diversity from the perspective of adaptation.
6. Critically evaluate, from an anthropological perspective, such issues as: the AIDS pandemic, the origin of “diseases of civilization”, “race”, evidence for human origins and evolution.
7. Perform basic human body measurements.
8. Identify basic differences between human and non-human skeletons.
9. Establish a basic biological profile from skeletal remains: age and sex.
10. Solve simple problems in practical genetics: inheritance and pedigree analysis.
11. Recognize the normal human karyotype (chromosome characteristics).
12. Explain why the human species cannot be divided into biological races and that the concept of race is a cultural construct.
13. Apply physical anthropology in addressing problems of the modern world: racism, human health and disease, species extinction.

REQUIRED MATERIALS & RECOMMENDED PREPARATION / INFORMATION

- Shook, Beth, and Katie Nelson et al., editors. Explorations: An Open Invitation to Biological Anthropology. American Anthropological Association, 2019.
 - OER text available at: <https://explorations.americananthro.org/>
- Lab worksheets
 - Available through D2L

COURSE SCHEDULE, TOPICS, AND ASSOCIATED PREPARATION / ACTIVITY / EVALUATION

The following schedule and course components are subject to change with reasonable advance notice, as deemed appropriate by the instructor.

WEEK or DATE RANGE	ACTIVITY or TOPIC	OTHER NOTES
7 Sept	Introduction to the course Introduction to Biological anthropology	During lab
12 Sept 14 Sept	Evolutionary theory and inheritance Lab: Inheritance	Lab activity
19 Sept 21 Sept	Population evolution Lab: Selective pressures	Lab activity
26 Sept 28 Sept	Primate anatomy Lab: Primate Anatomy	Lab activity
3 Oct 5 Oct	Primate Behaviour Lab: Diversity in Primatology	Lab activity

WEEK or DATE RANGE	ACTIVITY or TOPIC	OTHER NOTES
10 Oct 12 Oct	Thanksgiving Lab: Midterm	No class Midterm in lab time
17 Oct 19 Oct	Applied biological anthropology Lab: Osteology	Lab activity
24 Oct 26 Oct	Modern Biological Diversity Lab: Osteometrics Lab: Age and Sex Part 1	Lab activity Age/sex activity prep
31 Oct 2 Nov	Paleoanthropology Lab: Age and Sex Part 2	Age/sex activity prep
7 Nov 9 Nov	Early Hominid Origins Lab: Age and Sex Presentations	Age/Sex presentation/activity Age/Sex paper due
14 Nov 16 Nov	Homo genus I Lab: Identifying Human Ancestors	Lab activity
21 Nov 23 Nov	Homo genus II Lab: Earlier Human Ancestors	Lab activity
28 Nov 30 Nov	More Recent Human Ancestors I Lab: More Recent Human Ancestors	Lab activity
5 Dec 7 Dec	More Recent Human Ancestors II Lab: Lab skills review	
Final Exam Period	Final Exam	In person exam

Students registered with the Centre for Accessible Learning (CAL) who complete quizzes, tests, and exams with academic accommodations have booking procedures and deadlines with CAL where advanced notice is required. Deadlines can be reviewed on the [CAL exams page](http://camosun.ca/services/accessible-learning/exams.html). <http://camosun.ca/services/accessible-learning/exams.html>

EVALUATION OF LEARNING

DESCRIPTION		WEIGHTING
Weekly D2L quizzes	Weeks 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, and 13. Each quiz worth 2%, drop the lowest grade	10 x 2% = 20%
Weekly labs	Weeks 2, 3, 4, 5, 7, 8, 11, 12, and 13. Each lab worth 2%	9 x 2% = 18%
Age/Sex paper	Short paper describing an age/sexing method	10%
Age/Sex teaching	Teaching presentation of age/sex method	5%
MidTerm	In Class Midterm	22%
Final Exam	In Person Final	25%
		TOTAL
		100%

If you have a concern about a grade you have received for an evaluation, please come and see me as soon as possible. Refer to the [Grade Review and Appeals](http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf) policy for more information.
<http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf>

COURSE GUIDELINES & EXPECTATIONS

Contact: I can be contacted via D2L, email or in person. Please include course name and section in your emails. I will contact students via course notifications in D2L, D2L messages or email. Please ensure you have set up notifications and/or mail forwarding in D2L to ensure you receive messages in a timely manner.

Attendance: It is your responsibility to catch up any missed lecture content by connecting with classmates and doing additional readings. I am always willing to address specific questions and issues you face but will not reteach entire classes.

Labs and exams: Unexcused failure to attend a graded lab or midterm will result in a grade of 0 for that item. Excused absences must be requested and may not be granted. Missed items must be made up with the same or equivalent within a negotiated time frame unless agreed otherwise.

Late submissions: Unexcused late submissions will receive a deduction of 10% a day and will not receive any feedback. Assignments more than 1 week late will not be accepted. Extensions must be requested and may not be granted.

SCHOOL OR DEPARTMENTAL INFORMATION

School of Arts and Science Student Information: <https://legacy.camosun.ca/learn/school/arts-science/archives/index.html>

STUDENT RESPONSIBILITY

Enrolment at Camosun assumes that the student will become a responsible member of the College community. As such, each student will display a positive work ethic, assist in the preservation of College property, and assume responsibility for their education by researching academic requirements and policies; demonstrating courtesy and respect toward others; and respecting expectations concerning attendance, assignments, deadlines, and appointments.

SUPPORTS AND SERVICES FOR STUDENTS

Camosun College offers a number of services to help you succeed in and out of the classroom. For a detailed overview of the supports and services visit <http://camosun.ca/students/>.

Academic Advising	http://camosun.ca/advising
Accessible Learning	http://camosun.ca/accessible-learning
Counselling	http://camosun.ca/counselling
Career Services	http://camosun.ca/coop
Financial Aid and Awards	http://camosun.ca/financialaid
Help Centres (Math/English/Science)	http://camosun.ca/help-centres
Indigenous Student Support	http://camosun.ca/indigenous

International Student Support	http://camosun.ca/international/
Learning Skills	http://camosun.ca/learningskills
Library	http://camosun.ca/services/library/
Office of Student Support	http://camosun.ca/oss
Ombudsperson	http://camosun.ca/ombuds
Registration	http://camosun.ca/registration
Technology Support	http://camosun.ca/its
Writing Centre	http://camosun.ca/writing-centre

If you have a mental health concern, please contact Counselling to arrange an appointment as soon as possible. Counselling sessions are available at both campuses during business hours. If you need urgent support after-hours, please contact the Vancouver Island Crisis Line at 1-888-494-3888 or call 911.

COLLEGE-WIDE POLICIES, PROCEDURES, REQUIREMENTS, AND STANDARDS

Academic Accommodations for Students with Disabilities

The College is committed to providing appropriate and reasonable academic accommodations to students with disabilities (i.e. physical, depression, learning, etc). If you have a disability, the [Centre for Accessible Learning](#) (CAL) can help you document your needs, and where disability-related barriers to access in your courses exist, create an accommodation plan. By making a plan through CAL, you can ensure you have the appropriate academic accommodations you need without disclosing your diagnosis or condition to course instructors. Please visit the CAL website for contacts and to learn how to get started:

<http://camosun.ca/services/accessible-learning/>

Academic Integrity

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.13.pdf> for policy regarding academic expectations and details for addressing and resolving matters of academic misconduct.

Academic Progress

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.1.pdf> for further details on how Camosun College monitors students' academic progress and what steps can be taken if a student is at risk of not meeting the College's academic progress standards.

Course Withdrawals Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.2.pdf> for further details about course withdrawals. For deadline for fees, course drop dates, and tuition refund, please visit <http://camosun.ca/learn/fees/#deadlines>.

Grading Policy

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf> for further details about grading.

Grade Review and Appeals

Please visit <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.14.pdf> for policy relating to requests for review and appeal of grades.

Mandatory Attendance for First Class Meeting of Each Course

Camosun College requires mandatory attendance for the first class meeting of each course. If you do not attend, and do not provide your instructor with a reasonable reason in advance, you will be removed from the course and the space offered to the next waitlisted student. For more information, please see the “Attendance” section under “Registration Policies and Procedures” (<http://camosun.ca/learn/calendar/current/procedures.html>) and the Grading Policy at <http://camosun.ca/about/policies/education-academic/e-1-programming-and-instruction/e-1.5.pdf>.

Medical / Compassionate Withdrawals

Students who are incapacitated and unable to complete or succeed in their studies by virtue of serious and demonstrated exceptional circumstances may be eligible for a medical/compassionate withdrawal. Please visit <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.8.pdf> to learn more about the process involved in a medical/compassionate withdrawal.

Sexual Violence and Misconduct

Camosun is committed to creating a campus culture of safety, respect, and consent. Camosun’s Office of Student Support is responsible for offering support to students impacted by sexual violence. Regardless of when or where the sexual violence or misconduct occurred, students can access support at Camosun. The Office of Student Support will make sure students have a safe and private place to talk and will help them understand what supports are available and their options for next steps. The Office of Student Support respects a student’s right to choose what is right for them. For more information see Camosun’s Sexualized Violence and Misconduct Policy: <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.9.pdf> and camosun.ca/sexual-violence. To contact the Office of Student Support: oss@camosun.ca or by phone: 250-370-3046 or 250-3703841

Student Misconduct (Non-Academic)

Camosun College is committed to building the academic competency of all students, seeks to empower students to become agents of their own learning, and promotes academic belonging for everyone. Camosun also expects that all students to conduct themselves in a manner that contributes to a positive, supportive, and safe learning environment. Please review Camosun College’s Student Misconduct Policy at <http://camosun.ca/about/policies/education-academic/e-2-student-services-and-support/e-2.5.pdf> to understand the College’s expectations of academic integrity and student behavioural conduct.

Changes to this syllabus: Every effort has been made to ensure that information in this syllabus is accurate at the time of publication. The College reserves the right to change courses if it becomes necessary so that course content remains relevant. In such cases, the instructor will give the students clear and timely notice of the changes.