

COURSE SYLLABUS



COURSE TITLE: ANTH-260: Human Evolution and Diversity

CLASS SECTION: 01

TERM: Fall 2023

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](#).

INSTRUCTOR DETAILS

NAME: Katie Waterhouse

EMAIL: waterhousek@camosun.bc.ca

OFFICE: Y207

HOURS: Wed 9.30-10.30, 12.30-1.30, Fri 9.30-10.30

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, 2023.
 - 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
Sept 6 th , 8 th	Introduction to the course Introduction to Biological Anthropology Lab: DNA, DNA replication	Lab activity
Sept 13 th , 15 th	Genes, Proteins, Genotypes and Phenotypes Lab: Pizza Proteins	Lab activity
Sept 20 th , 22 nd	Population evolution Lab: Selective pressures	Lab activity
Sept 27 th , 29 th	Modern Biological Diversity Lab: Osteology	Lab activity
Oct 4 th , 6 th	Applied Biological Anthropology Lab: Age, Sex and Osteometrics	Lab activity
Oct 11 th , 13 th	Review class Exam 1 during lab	Exam 1 during lab
Oct 18 th , 20 th	Paleoanthropology Lab: Paleoenvironments	Lab activity
Oct 25 th , 27 th	Early Hominid Origins Lab: Identifying Human Ancestors	Lab activity

WEEK or DATE RANGE	ACTIVITY or TOPIC	OTHER NOTES
Nov 1 st , 3 rd	Early Human Ancestors Lab: Trends in Human Evolution	Lab activity Teaching Human Evolution Workshop Teaching Human Evolution Prep 1 due
Nov 8 th , 10 th	More Recent Human Ancestors Lab: Trends in Human Evolution ctn.	Lab activity Teaching Human Evolution Workshop
Nov 15 th , 17 th	Early modern human culture	Teaching Human Evolution Trial run Teaching Human Evolution Prep 2 due
Nov 22 nd , 24 th	Primate Anatomy	Teaching Human Evolution Activity
Nov 19 th , Dec 1 st	Primate behavioural ecology Lab: Primate Anatomy	Lab activity
Dec 6 th , Dec 8 th	Diversity in Primatology Lab: Modern Primate Museum	Lab activity
Final Exam Period	Exam 2	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	No quiz weeks 6 and 14. Each quiz worth 2%	12 x 2% = 24%
Weekly labs	Weeks 1, 2, 3, 4, 5, 7, 8, 10, 13,14. Each lab worth 2%	10 x 2% = 20%
Teaching Human Evolution Prep	Preparation, planning and initial research into teaching activity	5%
Teaching Human Evolution Activity	Active delivery of prepared human evolution activity to gr 9 class	10%
Exam 1	In Person Exam 1	18%
Exam 2	In Person Exam 2	23%
		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

Course Commitment: I have an expectation that you have enrolled in this course with the goal of participating and completing the work required. You need to be able to commit to working on this course in a regular weekly fashion, attending all lectures and labs and planning your schedule with appropriate time for out of class work. You have been given all the deadlines, are given sufficient

time to complete the work and have the ability to plan your work flow. I recommend planning to complete your work well before any deadlines so that you can respond to what life throws at you. I am unlikely to grant extensions for situations such as being asked to pick up a shift at work, coming down with a minor illness on the day material is due, having exams or material due in other courses.

Communication: For me to support you and teach you in this course we need to communicate effectively. You should plan to check your email/D2L/messages a minimum of twice a week to ensure you get timely information from me. I will respond to emails when possible, but I am unlikely to respond on weekends or after hours. I have the expectation that you will reach out for assistance, stay in communication and be responsible for your own conduct in this course.

External Assistance: All submitted work must be completed by you and you alone. Unless specified in the instructions you are to produce the work yourself, to not share information about evaluations with other students, and to not collaborate on assignments and exams. When submitting work in this course you are asserting that the work has been generated and written by you (excepting appropriately cited material and quotations). Submitting work that has been completed by someone other than you, or has been generated using software or AI tools, even if you edit, revise and rephrase, is cheating and violates the Academic Integrity Policy. To be clear, in this course you may use word processing tools to update spelling and grammar in your assignments, but you may not use tools or others to generate, draft or significantly edit your work. I want to hear what you have to say about the topics assigned, I want to hear your arguments, your opinions and your voice- AI tools, while they may write flawlessly (and boringly) do not demonstrate your understanding and do not allow you to learn.

Consequences: While I am unlikely to grant extensions you are welcome to submit your work late (other than weekly MCQ quizzes). The penalty for late work is 10% per day. Work that I determine to have been generated or excessively edited by someone else or assistive technologies (software or AI tools) will be given a grade of 0 with no opportunity to redo the work.

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](http://camosun.ca/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.