

Anthropology 201.01: Introduction to Biological Anthropology

Department of Anthropology and Archaeology

University of Calgary

Spring 2019

Time: Mondays and Wednesdays 12:00-14:45

Location: ST 141

Instructor: Dr. Erik G. Johannesson

TA: TBA

Email: erik.johannesson@ucalgary.ca

Email: TBA

Office Hours: Tuesdays and Wednesdays 15:00-17:00

Office Hours: TBA

Office: TBA

Office: TBA

Telephone: N/A

Prerequisites: None

Course Description: This course is an introduction to Biological Anthropology (sometimes called Physical Anthropology), with an emphasis on human biological evolution and human ecology. Human biological evolution refers to the history of human biological development, or more precisely, the biological changes that over time have brought humanity to its present form. Human ecology refers to the relationships between humans and the natural environment as well as environments created by humans themselves as a result of social behaviors. The course will cover the scientific principles of evolution and genetics, primate evolutionary history and behavior, human osteology, the human fossil record, and human variation. The course will also emphasize the juncture between human biology and culture in order to promote critical thinking about contemporary analyses of human behavior.

Course Learning Outcomes: Upon completion of the course, students will be expected to:

- Know and understand the development of evolutionary thought in the Western world as well as our current understandings of the mechanisms for evolutionary change.
- Understand basic genetics, epigenetics, and the processes involved in the evolution of new species.
- Understand our place in nature and within the order of primates, and why biological anthropology includes the study of primates.
- Be knowledgeable of our current understandings of the evolutionary history of humans as a species, our hominid ancestors, and the processes that lead to the divergence of the line from which modern humans derive.
- Understand and appreciate the biological diversity of modern humans, be knowledgeable of contemporary applications of biological anthropology, and be able to engage critically with information relayed via the media regarding the discovery of fossils of new human ancestors.

Textbook – A Human Voyage: Exploring Biological Anthropology, A. Keenlyside and R. Lazenby, 2nd Edition, 2015.

Readings:

The textbook is meant to complement the lectures and is not a substitute for information presented in class. While the lectures and textbook are not closely tied to one another, they are related and occasionally overlap, and knowledge of both will be necessary to do well in the class. The readings are required and therefore constitute valid material for the exams. In order to keep up with lectures students should complete readings by date set on the course outline.

Lecture Outlines: A pdf of the Powerpoint presentations used during lecture will be posted to D2L **after** each lecture is complete. These are outlines and do not constitute the totality of material students are responsible for. Note that due to intellectual property rights and copyright regulation, some images may be removed from the posted pdfs.

Attendance: Attendance is critical since students who fail to attend class will miss lectures and opportunities for classroom participation, thus adversely affecting their potential to do well in the class. As attendance is a matter of personal responsibility (see below) students will not be evaluated on their ability, or lack thereof, to come to class. That being said, students are strongly cautioned against missing any portion of the course as there is a clear relationship between regular attendance and strong student performance in the course (and vice versa). In the event that students are absent they are responsible for the material they missed and should not expect the instructor to provide them with notes. I suggest students find a classmate at the beginning of class who is willing to share their notes in the event that you do miss a class (and vice versa).

Grades and Evaluation Criteria:

Evaluation will be based on two midterm tests (and possibly one cumulative final exam, see below). Final grades will be calculated as follows

Exam 1:	30%
Exam 2:	30%
Final Exam:	40% (TBA Registrar's scheduled)

Exams: Students will have to complete two exams and a final exam (to be held **May 22, June 5,** and **on the final examination date of the course (TBA)** respectively). The in-class examinations are not cumulative, so the first exam will test materials covered from the beginning of the class up to **May 22**, while the second exam will cover the material from **May 22 to June 5**. Each exam is worth 30% of the final grade in the course. Each exam will consist of multiple-choice questions, fill-in-the-blanks, IDs, and short answer questions. Students will have **1 hour and 15 minutes to complete each exam**.

Final Exam: A cumulative exam, covering all lectures, readings, and materials in the course will be given on the final exam date set by the Registrar (TBA, consult Registrar's schedule when available) the final exam will be worth 40% of the final grade in the course.

Deferred Exams: A student who is absent from a test for **legitimate** reasons must discuss an alternative course of action with the instructor and must provide written documentation or statutory declaration as to why they were absent for the test. The instructor at **their discretion** may transfer the percentage weight for the test to the final examination, if there is a final examination in the course, set another test, etc. In the event that an instructor feels that they cannot judge the veracity of the information provided, Students must be aware that they are responsible for payment of any charge associated with the medical assessment and documentation as this service falls outside the realm of services provided by the Provincial Health Care Plan. Deferral of the final exam requires Registrar approval.

Grade Breakdown

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

Exam Security: Exam security is taken very seriously. Since exams will be taken in class where students often must sit close together, please be aware that wandering eyes could lead to suspicion. Keep your eyes on your own exam or to the front of the room. Also, cover your own exam to stop others from being tempted to look at it. Please remain seated during exams until you can leave the row you are sitting in without disturbing others.

Exam Reporting: Marks for exams and tests will be posted to D2L, but tests will not be handed back. Students have the opportunity to view and discuss their exam with the instructor or TA during scheduled office hours or by appointment.

Academic Integrity, Cheating, and Plagiarism: University expectations are that students will not cheat or plagiarize, and that they will not condone these behaviors or assist others who plagiarize. Academic misconduct not only jeopardizes the career of the individual student involved, but also undermines the scholastic achievements of all University of Calgary students and attacks the mission of this institution. Students are inherently responsible to do their own work, thereby insuring the integrity of their academic records. In accordance with the university's code of conduct, evidence of cheating on an exam, or plagiarism (copying or paraphrasing someone else's work and presenting it as your own) will result in the registration of the offense with the Associate Dean, Undergraduate Programs and Student Affairs.

All suspected cases of academic and non-academic misconduct will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you

are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

Academic Accommodations and Accessibility - It is the responsibility of the student to request academic accommodations. Students who have not registered with Student Accessibility Services (SAS) will not be eligible for formal academic accommodation. Students with documented disability who may require academic accommodation should register with SAS. Please call 220-8237, stop by MSC 452 or email access@ucalgary.ca to register.

Personal Integrity and Responsibility: Students are expected to conduct their studies as a matter of personal responsibility and integrity. Therefore, no extra credit assignments will be offered at any time during the semester as it is unfair to offer an opportunity to any student that is not available to all. Students should attend class consistently (see above) and should take note of important dates and deadlines. Excuses for failing to complete/comply with course requirements are redundant as they still represent failure to fulfill the expectations of the course. Note that if personal, vocational, or academic problems are interfering with a student's course work there are proper and official resources to consult.

Decorum:

Students will treat each other and me with respect at all times. No opinions or speech that discriminates against or is derogatory towards others on the basis of race, ethnicity, age, gender, religion, sexual orientation, political affiliation, or disability will be tolerated. Students who express such opinions will be asked to leave the classroom and repeated offences may result in further disciplinary actions or the behavior registered and forwarded to the appropriate University unit for review. Students should refrain from unacceptable behavior such as sleeping, using their cell-phones, or talking with classmates at inappropriate times. Such behaviors will also result in the student being asked to leave the classroom.

Additional Class Policies and Expectations:

- Cell phones are not permitted and should be turned off during class. Students may use tablets or laptops to take notes, but must refrain from using these devices for activities not related to the class.
- Students should arrive to class in a timely manner. In the unlikely event of tardy arrival, please take your seat quickly and quietly with as little disruption to the class as possible. Similarly, if departure from class before lecture is over is necessary, please sit close to the door and exit discreetly.
- Communication with the instructor or TA is welcome and should follow etiquette appropriate for a university. I.e., be professional. Use proper salutations and titles in both written and verbal communication. This will be further discussed in class. The instructor and TA reserve the right to not respond to communication they deem inappropriate, disrespectful, or excessively cavalier.
- Students can expect that the instructor and TA will respond to email in a timely manner, and can typically expect a response between 24-48 hours, excluding holidays and weekends.

Course Outline and Schedule: The following is a tentative schedule and may get altered and/or shifted as the course progresses, and some lectures may overlap. Nevertheless, it serves as a guide to what is to be covered and when/what students should be reading. Note that the test dates will **NOT** change.

Date	Lecture Topic and Test	Textbook Chapter
May 6	Course Overview Anthropology and Biological Anthropology History and Development of Evolutionary Thought	Chapters 1 and 2
May 8	Adaptation by Natural Selection Genetics, Variation, and Epigenetics	Chapter 3
May 13	From Variant to Species Speciation and Phylogeny An Outline of Human Osteology and Anatomy	Chapter 4
May 15	Primates Primate Ecology Primate Evolution	Chapters 5 and 6
May 20	Victoria Day: No Class	Chapter 7
May 22	Exam 1 Test is followed by regular lecture: Paleoanthropology From Ape to Australopithecus	Chapters 8 and 9
May 27	The Mind's Big Bang The Biology of Language: Language and Adaptation	Chapter 10
May 29	The First Tools The Genus Homo	Chapter 11
June 3	Homo sapiens: The Advent of Humanity Neanderthals and Anatomically Modern Humans Human Dispersion: Settling Australia and the Americas	Chapter 12
June 5	Exam 2 Human Adaptation Domestication	Chapter 13
June 10	Domestication and Human Ecology Health and Infectious Diseases	Chapter 14
June 12	Modern Currents Adaptation, Race, and Biological Diversity Biological Anthropology as Applied Science	Chapter 15
June 17	Biology in the present	Chapter 16

Additional Information:

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 Department of Anthropology and Archaeology’s policy on intellectual honesty

DEFERRED EXAMS:

A student who is absent from a test for legitimate reasons must discuss an alternative course of action with the instructor. The instructor at their discretion may transfer the percentage weight for the test to the final examination, if there is a final examination in the course, set another test, etc. An instructor will normally make this decision on the basis of verbal information provided by the student. In the event that an instructor feels that they cannot judge the veracity of the information provided, Students must be aware that they are responsible for payment of any charge associated with the medical assessment and documentation as this service falls outside the realm of services provided by the Provincial Health Care Plan. Deferral of the final exam requires Registrar approval.

ACADEMIC ACCOMMODATIONS

<http://www.ucalgary.ca/access/accommodations/policy>

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the instructor of this course.

ACADEMIC INTEGRITY

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Calgary is a strong signal of each student’s individual academic achievements. As a result, the University treats cases of cheating and plagiarism very seriously. Non-academic integrity also constitutes an important component of this program.

For detailed information on what constitutes academic and non-academic misconduct, please refer to the following link: <http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

All suspected cases of academic and non-academic misconduct will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

Where there is a criminal act involved in plagiarism, cheating or other academic misconduct, e.g., theft (taking another student’s paper from their possession, or from the possession of a faculty member without permission), breaking and entering (forcibly entering an office to gain

access to papers, grades or records), forgery, personation and conspiracy (impersonating another student by agreement and writing their paper) and other such offences under the Criminal Code of Canada, the University may take legal advice on the appropriate response and, where appropriate, refer the matter to the police, in addition to or in substitution for any action taken under these regulations by the University

TEACHING EVALUATIONS / USRI (Universal Student Ratings of Instruction)

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. **Your responses make a difference, please participate!** Website: <http://www.ucalgary.ca/usri/>

Writing Across the Curriculum

Writing skills are not exclusive to English courses and, in fact, should cross all disciplines. The University supports the belief that throughout their University careers, students should be taught how to write well so that when they graduate their writing abilities will be far above the minimal standards required at entrance. Consistent with this belief, students are expected to do a substantial amount of writing in their University courses and, where appropriate, members of faculty can and should use writing and the grading thereof as a factor in the evaluation of student work. The services provided by the Writing Support, part of the Student Success Centre, can be utilized by all undergraduate and graduate students who feel they require further assistance

Emergency Evacuation Assembly Points: In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

Freedom of Information and Protection of Privacy Act: Freedom of Information and Protection of Privacy Act

The University of Calgary is committed to protecting the privacy of individuals who work and study at the University or who otherwise interact with the University in accordance with the standards set out in the Freedom of Information and Protection of Privacy Act. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternative arrangements with the course instructor early in the term.

Safewalk Information: Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

Faculty of Arts Program Advising and Student Information Resources: Have a question, but not sure where to start? Arts Students' Centre

The Faculty of Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance that they require.

In addition to housing the Associate Dean, Undergraduate Programs and Student Affairs and the Associate Dean for Teaching and Learning, the Arts Students' Centre is the specific home to:

- program advising
- the Faculty's Co-operative Education Program
- the Arts and Science Honours Academy
- the Faculty's Interdisciplinary Programs
- a Student Help Desk

Location: Social Sciences Room 102

Phone: 403.220.3580

Email: ascarts@ucalgary.ca

Website: arts.ucalgary.ca/undergraduate/

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contacts for Students Union Representatives for the Faculty of Arts:

arts1@su.ucalgary.ca

arts2@su.ucalgary.ca

arts3@su.ucalgary.ca

arts4@su.ucalgary.ca

Ombudsman's office: <http://www.ucalgary.ca/ombuds/>