

ANTHROPOLOGY 1022A 001/002

Introduction to Biological Anthropology and Archaeology

COURSE OUTLINE

Fall 2023

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Instructors:

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Course information:

Mode of Delivery: This is an in-person synchronous course with a lab component. Students will register for a weekly lab timeslot (tutorial section) but will only attend labs every other week. Lab schedules will be posted on OWL on Monday, September 18. Tutorials will be explained in class and on the Owl course site.

Credit value: 0.5 credit

Requisites:

Antirequisites: Anthropology 1020 (formerly Anthropology 1020E), Anthropology 1026F/G.

Prerequisites: None.

Please note: if you are interested in pursuing a module in Anthropology, you should pair this course with *Introduction to Sociocultural and Linguistic Anthropology*, either Anthropology 1021A/B (in-person classes and tutorials, non-essay) or Anthropology 1025F/G (online, essay).

Course Description:

Why take this course? You won't just learn the fundamentals of how biological anthropology and archaeology help us understand our deep history and the world around us. You will also have an opportunity to engage in debates that are still ongoing in the field, and to interpret evidence through the lenses of biological anthropology and archaeology. The underlying theme connecting these fields is the study of human evolution, both biological and cultural -- the examination of our biological nature, our biological roots, and our cultural past. Both also document and celebrate human diversity, past and present. We will cover a range of topics: the place of biological anthropology and archaeology within the broader discipline of anthropology and their contributions to modern society; the genetic basis of evolution; the ecology and behaviour of non-human primates; interpreting the fossil record of human evolution; the origin of our species, *Homo sapiens*; and human variation and adaptability. We will also explore how the archaeological record forms; different types of archaeological evidence; archaeological methods and interpretation; mechanisms of cultural change; and how our understanding of human past shapes and is shaped by the world today.

Learning Outcomes:

Upon successful completion of this course, you will be able to:

1. Define fundamental terms, concepts, and methods associated with the study of biological anthropology and archaeology.
2. Explain the kinds of questions anthropologists ask about past people and their environments and describe/illustrate how anthropologists answer those questions using multiple lines of evidence.
3. Critically evaluate scholarly research and other sources relevant to anthropological topics.
4. Develop and express informed opinions on anthropological debates by identifying and evaluating evidence from a range of techniques and scholarly sources.
5. Formulate anthropological questions specific to a particular context and select appropriate methods and techniques from biological anthropology and archaeology to address them, while recognizing the limitations of these approaches.
6. Identify connections between the human past, today's society, and your own life.

Course Materials:

The majority of course readings will be in the Archaeology and Biological Anthropology Custom Course Book, 1022 University of Toronto Press Custom Publishing. The textbook includes selected readings from: *Through the Lens of Anthropology: An Introduction to Human Evolution and Culture*, Second Edition, by Robert J. Muckle and Laura Tubelle de González; and *Introducing Archaeology*, Third Edition, by Robert J. Muckle and Stacey L. Camp.

You can order a hard copy of the course text or the e-book version (which provides instant access) through The Book Store at Western. Click [here](#) to go directly to the order page. The top one is the hard copy (\$50.95), the bottom one the e-book (\$45).

Other short readings for specific weeks will be posted on the OWL course site.

Evaluation:

Note, the evaluation methods described in this course outline are essential requirements for the course. Alternative assessments are **not** available.

<i>Assessment</i>	<i>Weight</i>	<i>Due</i>	<i>Learning Outcomes Demonstrated by Completing the Assessment</i>
Weekly Quizzes	10%	Weeks 2-12	LO 1
2 Assignments	30%	Weeks 5, 9	LO 1; LO 3; LO 4; LO 6
5 Labs	25%	Weeks 2/3, 4/5, 6/7, 8/9, 10/11	LO 2; LO 5; LO 6
Final Exam	35%	Final Exam Period	LO 1; LO 2; LO 4; LO 5; LO 6

Weekly Quizzes – 10%

The 11 quizzes (the lowest mark will be dropped, making 10 quizzes worth 1% each) incorporated into this course are intended to help you stay on top of the course material. Each quiz consists of multiple-choice questions and is based on the lectures, readings, and other resources (e.g. YouTube videos) covered since the previous quiz. Quizzes are open book but must be completed within a time limit.

Quizzes occur in Weeks 2-12. Weekly quizzes must be completed by 11:55pm on the Friday after lecture. Note: There will be no opportunity to make-up missed quizzes, however your lowest quiz mark will be dropped from the overall grade calculation for the course.

2 Assignments – 30% (15% each)

These short assignments are opportunities to think critically about the broader social context and application of the knowledge we're considering each week, and to further engage with course content and online media. Details for each activity will be posted on the course OWL site.

Assignments are **due on October 17 and November 14**. Assignments submitted by the deadline will receive feedback. We will continue to accept assignment submissions for an additional 3 days (72 hours) after the deadline, but these late submissions will receive only a score and no feedback. We will not accept submissions after this period. Students who do not submit before the second deadline will receive a zero for that assignment.

5 Labs – 25% (5% each)

Five labs give you hands-on experience working with a range of materials encountered by biological anthropologists and archaeologists. For example, you will use skull casts to examine evolutionary changes over time in our primate ancestors, and examine household waste to explore what material remains can tell us about the status, age, ethnicity and so forth of people who lived there.

They will be due in the week in which you complete the lab: Weeks 2/3, 4/5, 6/7, 8/9 and 10/11.

Lab worksheets are **due at 11:55pm on the Friday after your scheduled lab**. You can continue to submit until the following Sunday at 11:55pm. Submissions received after the second deadline will receive a zero.

Final Exam – 35%

The final exam will take place during the designated exam period (December 10th to 22nd). The specific due date will be announced on the course site in OWL when the final exam schedule is released. The final exam is cumulative for the course and will involve a reflection on the methods used by biological anthropologists and archaeologists to learn about people in the past and present, and the ethical implications of research. The exam will make use of multiple-choice and other short forms of assessment to evaluate students' learning and to allow students to synthesize knowledge gained throughout the course. The multiple-choice format allows for assessment of students' detailed knowledge of a broad range of concepts, theories, principles, and research that other formats do not permit. There are different types of multiple-choice questions used in this course, including application-based multiple-choice questions. Although application-based questions can be challenging for students, they are necessary to meet the learning outcomes of this course and to allow students to develop an appreciation for and understanding of the course material as it relates to organizational settings.

Important Note: The ongoing COVID-19 pandemic has revealed the many health vulnerabilities of people in our society. We can all minimize the risks of illness to others by being thoughtful of their needs. We are all responsible for keeping each other safe by staying home if we have any potential COVID symptoms (which are also, in many cases, cold symptoms!) or symptoms of other contagious illnesses. **If you are feeling unwell, the best course of action is to stay at home. to protect others and to ensure you recover quickly.** Therefore, we will be posting abridged

videos of the weekly lectures on the Weekly Lessons tab each week. These videos will use the same slides and cover the same material as the in-person lectures. We are confident that you'll find the in-person lectures more interesting and engaging than a pre-recorded video, but the videos mean you don't have to miss a lecture if you need to stay home on account of illness.

Weekly Schedule:

Each week's content will appear on the "Weekly Lessons" page at 8:00 am EST on Monday. Weekly quizzes must be completed by 11:55pm on the Friday after lecture.

Weekly Breakdown of Topics, Readings and Due Dates:

DATE	TOPIC	READINGS	DUE
Week 1	No Class (Official start of classes on Thurs Sept 7th, so no lecture or labs in Week 1)	None	
Week 2 Sep 11-15 Sept 15: Add/Drop deadline	Through the Lens of Anthropology: What are Biological Anthropology and Archaeology? Why do they matter? [Stock and Hodgetts]	Custom Text: "Through the Lens" Ch. 1	Quiz 1 (by Sept 15) If you added the class late Quiz 1 is due Sept 20
Week 3 Sep 18-22	We are Primates: The Primate Background [Stock]	Custom Text: "Through the Lens" Ch. 2	Lab 1: Non-human culture? Group A Quiz 2 (by Sept 22)
Week 4 Sep 25-29	Evolutionary Thought and Theory [Stock]	Custom Text: "Through the Lens" Ch. 3	Lab 1: Non-human culture? Group B Quiz 3 (by Nov 1)
Week 5 Oct 2-6	Palaeoanthropology [Stock]	Custom Text: "Through the Lens" Ch. 4 Find in OWL: · Lovejoy (1984)	Lab 2: Brain/Body Evolution Group A Quiz 4 (by Oct 6)
Week 6 Oct 9-13	Human Variation and Adaptability [Stock]	Find in OWL: · AAPA Statement on Race/Racism (2019) · Goodman (2020)	Lab 2: Brain/Body Evolution Group B Quiz 5 (by Oct 13)

Happy Thanksgiving		· O'Neil (2013)	
Week 7 Oct 16-20	Situating Archaeology: Archaeological Practice and Ethics [Hodgetts]	Custom Text: "Intro Arch" · Ch. 1 · Ch. 3 p. 55-66 Find on OWL to complete DA 4: · Articles on Kennewick · CAA ethical statements · Excerpts from UNDRIP & TRC	Lab 3: Garbology Group A Quiz 6 (by Oct 20) Assmt 1: Diversity, Racism & Health (due Tuesday October 17th)
Week 8 Oct 23-27	Comprehending the Archaeological Record: Sites, Preservation, Analysis [Hodgetts]	Custom Text: "Intro Arch" · Ch. 4 · Ch 5 p. 95-102 (Discovering sites) · Ch. 6 p. 113-122 (up to start of Ecofact analysis)	Lab 3: Garbology Group B Quiz 7 (by Oct 27)
Oct 30–Nov 3	FALL READING WEEK		
Week 9 Nov 6-10	Explaining Things of Archaeological Interest: Conceptual Frameworks, Interpretation, Biases [Hodgetts]	Custom Text: "Intro Arch" Ch. 10 Nov 13: last day to drop a course without academic penalty	Lab 4: Typology Group A Quiz 8 (by Nov 3)
Week 10 Nov 13-17	Reconstructing Human-Environment Interactions: Paleoenvironments, Settlement Patterns, Subsistence Strategies [Hodgetts]	Custom Text: "Intro Arch" · Ch. 6 p. 122-124 (Ecofact analysis) · Ch. 8	Lab 4: Typology Group B Assmt 2: Repatriation (due Tuesday November 14) Quiz 9 (by Nov 17)
Week 11 Nov 20-24	The Bioarchaeology of Humans: Demography, Diet, Disease, and the	Custom Text: "Intro Arch" · Ch. 6 p. 124-130	Lab 5: Human Osteology Group A

	interpretation of behaviour in the past. [Stock]	Find on OWL: Kelly and Thomas (2013) Ch. 10: Bioarchaeological Approaches to the Past	Quiz 10 (by Nov 24)
Week 12 Nov 27-Dec 1	Inequality, identity, ideology [Hodgetts]	Custom Text: "Intro Arch" Ch. 9	Lab 5: Human Osteology Group B Quiz 11 (by Dec 1)
Week 13 Dec 4-6	Review and Exam Format: Key Concepts, What to Expect and How to Do Well [Hodgetts and Stock]		Word Cloud entries (by Dec 4)
Exam Period Dec 10-22			Date TBD

Academic Statements and Policies

Statement on Written Submissions:

All written submissions may be subject to submission for textual similarity and AI generated content review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and [Turnitin.com](https://www.turnitin.com).

Statement on Plagiarism:

Plagiarism is "The act or an instance of copying or stealing another's words or ideas and attributing them as one's own." Students must write their assignments in their own words. Whenever students take an idea from another author, they must acknowledge their debt both by using quotation marks where appropriate and by proper referencing. Plagiarism is a major scholastic offence. It is also a scholastic offence to submit the same work for credit in more than one course. Unauthorized Content Generation is considered plagiarism. Unauthorized Content Generation (UCG) is the production of academic work, in whole or part, for academic credit, progression or award, whether or not a payment or other favour is involved, using unapproved or undeclared human or technological assistance including Generative Artificial Intelligence. Consequences for plagiarism may include failure on the assignment, course, year, or expulsion from the University.

Accommodation Policies:

No accommodations will be granted retroactively more than 10 days after an assignment's due date or a missed quiz or test. Please see your academic counsellor immediately if you will be seeking accommodations based on medical or compassionate grounds.

All missed work must be made up by the end of the exam period in the applicable term.

Students with disabilities work with Accessible Education which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The accommodation policy can be found here: [Academic Accommodation for Students with Disabilities](#).

Academic Rights and Responsibilities

All students should familiarize themselves with Western's current [Academic Policies in the Academic Calendar](#) which include, but is not limited to, academic consideration for medical illness, accommodation for religious holidays, academic appeals, academic accommodation for students with disabilities, as well as scholastic discipline.