

ANTHROPOLOGY 1022A 001/002

Introduction to Biological Anthropology and Archaeology

COURSE OUTLINE

Fall 2021

Version date: Sept 23, 2021

Instructors:

Biological Anthropology – Dr. Jay Stock (he/him)

Archaeology – Dr. Lisa Hodgetts (she/her)

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Mode of Delivery: This is an in-person synchronous course with a lab component. Students will sign up for a weekly lab timeslot but will only attend labs every other week. Lab schedules will be posted on OWL on Monday, September 20. **All students must follow the guidelines issued by the Province and the University regarding vaccines and other precautions. The mode of delivery is subject to change in the event of a COVID-19 resurgence.**

Class day/time: LECTURES

Section 1: Tuesdays 10:30 am-12:30 pm

LOCATION NS-7

Section 2: Tuesdays 2:30 pm-4:30 pm

LOCATION SEB-1200

TUTORIALS

Alternate THURSDAYS

LOCATION: SSC-3102 OR SSC-2257

SEE OWL FOR DETAILS

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 (non-essay) or Anthropology 1025F/G (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. When you do a textbook search from the bookstore's main page, be sure to follow this pathway: Books>Textbook Search>University of Western Ontario>Undergrad Fall/1st Term 2021>ANT1022A Intro Biol Anthro & Archa (001 UW or 002 UW). The Bookstore strongly recommends curb-side pickup in the Great Hall over in-store shopping. You will receive a notification when your course text is ready to pick up.

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

Evaluation:

<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. Note: Late quizzes will receive a zero. However, your lowest quiz mark will be dropped from the overall grade calculation for the course.

If you use a self-reported absence in the week in which a quiz is due, you must contact the instructor within 72 hours of self-reporting to confirm a new deadline to complete the quiz. If you self-report at any time during the week, we will extend your quiz deadline to Sunday at 11:55pm or by 48 hours from the end of your self-report period, whichever is later. If you do not contact us, the original deadline will stand and a late submission will receive a zero.

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 19 and November 16. 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% (4.2% 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 23rd). 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.

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 Sunday.

Weekly Breakdown of Topics, Readings and Due Dates

DATE	TOPIC	READINGS	DUE
Week 1	No Class (Official start of classes on Wed Sept 8th, so no lecture or labs in Week 1)	None	
Week 2 Sep 13-19 Sept 17: 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 12 (by Sept 17) If you added the class late due Sept 20
Week 3 Sep 20-26	We are Primates: The Primate Background [Stock]	Custom Text: "Through the Lens" Ch. 2	Lab 1 Group A Quiz 2 (by Sept 24)
Week 4 Sep 27-Oct 3	Evolutionary Thought and Theory [Stock]	Custom Text: "Through the Lens" Ch. 3	Lab 1 Group B Quiz 3 (by Oct 1)
Week 5 Oct 4-10	Palaeoanthropology [Stock]	Custom Text: "Through the Lens" Ch. 4 Find in OWL: · Lovejoy (1984)	Lab 2 Group A Quiz 4 (by Oct 8)
Week 6 Oct 11-17	Human Variation and Adaptability [Stock]	Find in OWL: · AAPA Statement on Race/Racism (2019)	Lab 2 Group B Quiz 5 (by Oct 15)

Happy Thanksgiving		<ul style="list-style-type: none"> · Goodman (2020) · O'Neil (2013) 	
Week 7 Oct 18-24	Situating Archaeology: Archaeological Practice and Ethics [Hodgetts]	<p>Custom Text: "Intro Arch"</p> <ul style="list-style-type: none"> · Ch. 1 · Ch. 3 p. 55-66 <p>Find on OWL to complete DA 4:</p> <ul style="list-style-type: none"> · Articles on Kennewick · CAA ethical statements · Excerpts from UNDRIP & TRC 	<p>Lab 3: Garbology Group A</p> <p>Quiz 6 (by Oct 22)</p> <p>Assmt 1: Diversity, Racism & Health (due Tuesday October 19th)</p>
Week 8 Oct 25-31	Comprehending the Archaeological Record: Sites, Preservation, Analysis [Hodgetts]	<p>Custom Text: "Intro Arch"</p> <ul style="list-style-type: none"> · Ch. 4 · Ch 5 p. 95-102 (Discovering sites) · Ch. 6 p. 113-122 (up to start of Ecofact analysis) 	<p>Lab 3: Garbology Group B</p> <p>Quiz 7 (by Oct 29)</p>
Nov 1-7	FALL READING WEEK	Nov 12: last day to drop a course without penalty	
Week 9 Nov 8-14	Explaining Things of Archaeological Interest: Conceptual Frameworks, Interpretation, Biases [Hodgetts]	<p>Custom Text: "Intro Arch" Ch. 10</p>	<p>Lab 4: Zooarchaeology Group A</p> <p>Quiz 8 (by Nov 12)</p>
Week 10 Nov 15-21	Reconstructing Human-Environment Interactions: Paleoenvironments, Settlement Patterns, Subsistence Strategies [Hodgetts]	<p>Custom Text: "Intro Arch"</p> <ul style="list-style-type: none"> · Ch. 6 p. 122-124 (Ecofact analysis) · Ch. 8 	<p>Lab 4: Zooarchaeology Group B</p> <p>Assmt 2: Repatriation (due Tuesday November 16)</p> <p>Quiz 9 (by Nov 19)</p>

Week 11 Nov 22-28	The Bioarchaeology of Humans: Demography, Diet, Disease, and the interpretation of behaviour in the past. [Stock]	Custom Text: "Intro Arch" · Ch. 6 p. 124-130 Find on OWL: Kelly and Thomas (2013) Ch. 10: Bioarchaeological Approaches to the Past	Lab 5: Human Osteology Group A Quiz 10 (by Nov 26)
Week 12 Nov 29-Dec 5	Inequality, identity, ideology [Hodgetts]	Custom Text: "Intro Arch" Ch. 9	Lab 5: Human Osteology Group B Quiz 11 (by Dec 3)
Week 13 Dec 6-8	Review and Exam Format: Key Concepts, What to Expect and How to Do Well [Hodgetts and Stock]		Word Cloud entries (by Dec 6)
Exam Period Dec 11-22			Date TBD

COVID-19 Protocols:

- Western has both a vaccine and a mask mandate
- Students must complete the symptom checklist every day. Students who are found to be on campus who have not completed the symptom checklist or have failed the daily symptom check will be referred for investigation under the Student Code of Conduct.
- Students are expected to carry their student cards to campus each day in anticipation of spot checks by Building Ambassadors.
- Students not wearing masks will be asked to leave the classroom. Students with accommodations approved by Accessible Education must make arrangements with the instructor before coming to class, lab, practicum or clinical site.
- Eating and drinking is prohibited in the classroom to facilitate proper mask wearing. Individuals found to have attended class without appropriate vaccination, or who are found to have engaged in fraud related to the vaccination policy, will face academic sanctions up to and including expulsion.
- Students who are not fully vaccinated by October 12th and who are not granted an exemption under the policy will be issued a trespass order. Enforcement of this trespass order will be carried out by campus police, and will be accompanied by academic sanctions, including expulsion.
- Please be respectful of your classmates and your instructors at all times, as we navigate reentry.

Masking Guidelines Students will be expected to wear triple layer, non-medical, paper masks at all times in the classroom as per University policy and public health directives. Students who are unable to wear a mask must seek formal accommodation through Western Accessible Education, and present medical documentation. Students are not permitted to eat or drink while in class to ensure masks stay in place. Students will be able to eat and drink outside of the classroom during scheduled breaks. Students unwilling to wear a mask as stipulated by Western policy and public health directives will be referred to the Dean, and such actions will be considered a violation of the student Code of Conduct.

Course Absences due to Daily COVID Screening Questionnaire:

Missed assessments (e.g., labs, final exam) require formal academic considerations (typically self-reported absences (for labs) and/or academic counselling). Methods for dealing with missed work and course content are at the discretion of the instructor(s). If you have symptoms and cannot attend class, you can access all of the lecture material, quizzes and assignments for this course online. We have scheduled make-up sessions for all of the labs (see OWL for the schedule). If you have to miss a lab because you have symptoms, submit a self-reported absence and email the instructor(s) to have your name added to the list for the relevant makeup lab(s). Students who are not on the list will not be allowed to complete the makeup lab(s).

Students who demonstrate a pattern of routinely missing coursework due to self-reported COVID symptoms, and therefore do not demonstrate mastery of the learning outcomes of the course, will not receive credit for the course.

Contingency Plans for Pivot to Online Learning:

Contingency plans are in place to pivot to 100% online learning if it is deemed necessary by the University. In the event of a COVID-19 resurgence during the course that necessitates the course delivery moving away from face-to-face interaction, all remaining course content will be delivered entirely online, either synchronously (i.e., at the times indicated in the timetable) or asynchronously (e.g., posted on OWL for students to view at their convenience). The grading scheme will not change. Any remaining assessments will also be conducted online as determined by the course instructor. In the event that online learning is required, a stable v1 (2021.09.03) internet connection with working microphone and webcam will be required. As has been the case in the past, the decision to pivot to online learning will be made by Western, and not individual instructors or departments (excepting temporary online instruction in the event of instructor illness).

Academic Success Program:

This course is participating in the **Academic Success Program**, an optional program designed to set you up for success at university. The program runs in parallel to our course and is designed to facilitate connections with your classmates, enhance your academic skills, and communicate tools and campus resources that can assist in your successful transition to Western. Each registered student has been placed in a group, and each group has been assigned a Peer Leader, an upper year student who has completed this course in the past. You will be hearing from your Peer Leader during the week of September 6th. We encourage you to participate in the weekly online programming with your group and Peer Leader. It will take roughly 1-1.5 hours each week, beginning September 13th, and excluding the Fall Reading Week. Please send any questions about this program to your Peer Leader or ase@uwo.ca.

Statement on Written Submissions:

All written submissions may be subject to submission for textual similarity 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 Accommodation, Illness Reporting and Academic Considerations:

Accommodation Policies: Students with disabilities work with Accessible Education (formerly SSD) 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 Consideration for Student Absence: Students will have up to two (2) opportunities during the regular academic year to use an on-line portal to self-report an absence during the term, provided the following conditions are met: the absence is no more than 48 hours in duration, and the assessment for which consideration is being sought is worth 30% or less of the student's final grade. Students are expected to contact their instructors within 24 hours of the end of the period of the self-reported absence, unless noted on the syllabus. Students are not able to use the self-reporting option in the following circumstances:

- for exams scheduled by the Office of the Registrar (e.g., December and April exams)
- absence of a duration greater than 48 hours,
- assessments worth more than 30% of the student's final grade,
- if a student has already used the self-reporting portal twice during the academic year

If the conditions for a Self-Reported Absence are *not* met, students will need to provide a Student Medical Certificate if the absence is medical, or provide appropriate documentation if there are compassionate grounds for the absence in question. Students are encouraged to contact their Faculty academic counselling office to obtain more information about the relevant documentation.

Students should also note that individual instructors are not permitted to receive documentation directly from a student, whether in support of an application for consideration on medical grounds, or for other reasons. **All documentation required for absences that are not covered by the Self-Reported Absence Policy must be submitted to the Academic Counselling office of a student's Home Faculty.**

For Western University policy on Consideration for Student Absence, see

[Policy on Academic Consideration for Student Absences - Undergraduate Students in First Entry Programs](#)

and for the Student Medical Certificate (SMC), see:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf.

Religious Accommodation: Students should consult the University's list of recognized religious holidays, and should give reasonable notice in writing, prior to the holiday, to the Instructor and an Academic Counsellor if their course requirements will be affected by a religious observance. Additional information is given in the [Western Multicultural Calendar](#).

Statement on Seeking Special Accommodations:

Please note that **no accommodations will be granted retroactively more than 10 days after an assignment's due date**. Please see your academic counsellor immediately if you will be seeking accommodations based on medical or compassionate grounds.

Statement on Plagiarism:

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.

Institutional Statements and Policies:

All students should familiarize themselves with Western's current academic policies regarding accessibility, plagiarism and scholastic offences, and medical accommodation. These policies are outlined in Western's academic policies by clicking on this link: [Western's academic policies](#).

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