



**Anthropology 1032 FDE**  
**Introduction to Biological Anthropology and Archaeology**  
**Fall 2023**

**Class Time:** Monday & Wednesday 1:00 – 2:30 pm

**Class Place:** ZOOM, with resources posted on MyCourseLink (D2L)

**First Class:** Wed. Sept. 6, 2023

**Last Class:** Mon. Dec. 4, 2023

**Professors:** Dr. Tamara Varney  
(Biological Anthropology)

**Office:** Braun Building 2001C

**email\*:** [tvarney@lakeheadu.ca](mailto:tvarney@lakeheadu.ca)

**Office Hrs:** by appointment (send email)

Dr. Jessica Metcalfe  
(Archaeology)

Braun Building 2001D

[jmetcal1@lakeheadu.ca](mailto:jmetcal1@lakeheadu.ca)

after class or by appointment

**Teaching Assistants:** TBA (to be announced)

*\* Please do not assume that your message has been received unless you receive an acknowledgement. Responses to emails will take longer if received on evenings or weekends. Turnaround times of less than 24 hours are not guaranteed.*

**Course Description:** This course is a general introduction to biological anthropology and archaeology. It covers topics ranging from the biological origin of humans, the appearance of human culture, and the rise of civilization.

**Course Learning Objectives:** Upon successful completion of this course, you will be able to:

- Define fundamental terms, concepts, and methods used in biological anthropology and archaeology
- Explain ways in which biological anthropologists and archaeologists learn about past peoples
- Critically examine ways in which biological anthropology and archaeology are relevant to our modern world
- Evaluate academic arguments relevant to biological anthropology and archaeology

**Class Format:** This course is divided into two halves, taught by different instructors: biological anthropology (Dr. Varney) and archaeology (Dr. Metcalfe). **The format of delivery will differ between instructors.** The course schedule and other information can be found below.

**Part 1 Biological anthropology (Dr. Varney)** - Recorded lectures will be posted on the course website. There will be live meetings with the instructor to discuss course material during scheduled class times as well as a weekly quiz. These meetings will be interactive. Attendance is encouraged.

**Part 2 Archaeology (Dr. Metcalfe)** - Lectures will be live, on Zoom. All lectures will be recorded and posted on the course website. However, live attendance is strongly encouraged because the lectures include interactive components that will help with your learning.

### **Required Texts:**

Biological Anthropology (first half of the course):

- **Physical Anthropology and Archaeology:** 4<sup>th</sup> Canadian Edition, by C.R. Ember, M. Ember, P.N. Peregrine, R.D. Hoppa and K.D. Fowler, 2018, Pearson Canada Inc., Toronto. (this is an e-text)

Archaeology (second half of the course):

- **Introducing Archaeology:** 3<sup>rd</sup> Edition, by R.J. Muckle & S.L. Camp, 2021, University of Toronto Press, Toronto.

### **Course Website:**

- The place to access course announcements, lecture slides, Zoom recordings, and to complete quizzes and submit assignments (where specified)
- Check the website often for announcements & updates. Also keep an eye on your email for messages from the instructors.
- Access via LU website, top right corner dropdown, myCourseLink

### **Important Dates:**

First day of classes: Tues. Sept. 5

Final date to register: Mon. Sept. 18

Fall Study Break (no classes): Mon. Oct. 9 – Fri. Oct. 13

Final date to withdraw: Fri. Nov. 3

Last day of classes: Mon. Dec. 4

Exam period: Thurs. Dec. 7 – Sun. Dec. 17

Exam contingency date: Mon. Dec. 18

Instructor must submit grades by Thurs. Dec 21

## Evaluation:

Each half of the course will be taught and evaluated independently. Each half is worth 50% of the total course grade.

### Part I: Biological Anthropology (Dr. Varney)

	Date	Location	Value
Quiz 1	WED Sept 20 (opens 1pm, closes 1pm on THURS, Sept 21; duration ~20-30 min)	myCourseLink	5 %
Quiz 2	WED Sept 27 (opens 1pm, closes 1pm on THURS, Sept 28; duration ~20-30 min)	myCourseLink	5 %
Quiz 3	WED Oct 4 (opens 1pm, closes 1pm on THURS, Oct 5; duration ~20-30 min)	myCourseLink	5 %
Quiz 4	WED Oct 18 (opens 1pm, closes 1pm on Tues, Oct 3; duration ~20-30 min)	myCourseLink	5 %
Part I Exam	MON Oct 23 (opens 1pm, closes 1pm Tues, Oct 24; duration ~60-90 min)	myCourseLink	30 %

**Quizzes and exams** will be 'timed' and administered on MyCourseLink. Students will have one time window/opportunity to take the quiz/exam and if you take too long looking up the correct answers you may 'time out' before completion, so you are strongly advised to study. There will not be time to look up the answers, so be sure to be ready and focused when you take a quiz or exam.

**Quizzes** will relate to the previous week's material. Quizzes are worth 20% of your final mark - DO NOT SKIP them!

**Exams** will be specific to the part of the course they occur in. That is, the **Part I exam will cover only the Biological Anthropology material** and the **Part II exam will cover only the Archaeology material**.

**The quizzes & Part I exam** may include multiple choice, true/false, matching, and images labelling/identification types of questions. Quizzes will be available for you to complete anytime within a 24 hour period. The average quiz duration will be approximately 20-30min. The Part I exam will be 1.5 hours long.

**Missed quizzes and exams** will not be made-up unless official documentation of a reasonable excuse is submitted (e.g. student or family illness, death of family member, car accident, internet or computer failure). Please note that going off on holidays or leaving early at the end of term does NOT constitute a reasonable excuse. Please contact instructors *within 48 hrs.* of any missed test.

## Part II: Archaeology (Dr. Metcalfe)

Item	Deadline	Value
<b>Assignment 1: Reading Response</b> (Stone Age Myths)	Response due Mon Oct 30 (midnight) Comments due Wed Nov 1 (midnight)	5 %
<b>Assignment 2:</b> Garbology	Mon Nov 13 (midnight)	10 %
<b>Assignment 3:</b> Virtual Lab	Mon Nov. 20 (midnight)	5 %
<b>Assignment 4: Reading Response</b> (Human Migrations)	Due Wed Nov. 29 (midnight)	10 %
<b>Part II Exam</b> (Part II content only)	To be scheduled by university during exam period (Dec. 7-17, contingency Dec. 18)	20 %

### Why is the assessment for Part II different from that of Part I?

Different forms of assessment account for different learning preferences and abilities. Written assignments require you to demonstrate different skills which will be vital in your university experience and for many diverse careers. Practicing these skills and getting feedback in your first year will help you meet expectations in subsequent years.

**Detailed instructions and rubrics** will be provided separately for each assignment on the course website. Some class time will be devoted to preparing you for the assignments. You are strongly encouraged to attend the live Zoom session so you can ask questions. However, these sessions will also be recorded and posted on the course website for those who could not make it. This is a brief overview of what each assignment will involve:

**Assignments 1 and 4** are reading responses. For each of these assignments you will read a 'popular' article (i.e., a piece meant to be read by the general public) that was written by a professional archaeologist/scientist. You will then write a short response in which you reflect on some aspects of the author's arguments. The goals are to demonstrate that you have read and understood the article, and to demonstrate critical thinking by adding your own personal reflection on the subject. After posting your response you will read and comment on some other students' responses. This will allow you to learn from your peers and to practice engaging in respectful discussion and debate. Responses and comments will be posted on the D2L Discussions page.

**Assignment 2: Garbology** requires you to act like an archaeologist, making interpretations about identity based on modern household garbage. You will be provided with images of garbage (no real garbage will be handled during this

assignment!) and asked to make interpretations about the people who used the items, and to reflect on the assumptions underlying your interpretations.

**Assignment 3: Virtual Lab** will teach you some basics of lithic (stone tool) and faunal (animal bone) analysis. You will complete an online module that includes interactive elements and 3D models. You will then complete a short lab quiz based on what you have learned.

**All of the assignments will be graded by the teaching assistants**, based on detailed rubrics created by the instructor. The TAs are therefore the first point of contact if you have questions about where or why you lost marks, or if you think that a mistake has been made. Please email and/or meet with the TA first, and contact the instructor directly if you still have questions after that. TA contact info will be posted in lecture slides and on the course website.

### **Late Assignments**

- 5% per day will be deducted for late assignments.
- There is a 1 hour grace period after the time deadline. If you submit the assignment more than 1 hour after it is due, you will receive a full-day 5% deduction.
- After 7 days, assignments will not be accepted and you will receive a grade of zero, except in emergency circumstances or if SAS accommodations are in place.

### **Part II Exam**

- This will only include information from the Archaeology portion of the course.
- The date and time will be set by the university and will be during the final exam period (Dec 7-17, contingency date Dec. 18).
- You will be able to start the final exam at any time during a 24 hour period, but once you start you will have 1 hour to complete the exam.
- The exam may include multiple choice, true/false, matching, and image labelling/identification types of questions. It will not include written-answer questions.
- **If you miss the final exam it cannot be made up** unless official documentation of a reasonable excuse is submitted (e.g. student or family illness, death of family member, car accident).

## Course Schedule (subject to modification)

### Introductions (Dr. Metcalfe & Dr. Varney)

Date	Lecture Topic	Required Viewing
Wed Sept 6	Introduction to the course	American Anthropological Association. <a href="#">The Captivating and Curious Careers of Anthropology</a> (18 minute video)

### Part I: Biological Anthropology (Dr. Varney)

Date	Lecture Topic	Test Date	Readings (Ember et al.)
Mon Sept 11	Historical development of evolutionary thought		Ch 4
Wed Sept 13	Genetics & the development of modern evolutionary theory		Ch 5
Mon Sept 18	Modern human biological variation & adaptability		Ch 6
Wed Sept 20	Humans in Nature: Taxonomy with emphasis on Primates	Quiz 1	Ch 7
Mon Sept 25	Our closest living relatives: Living non-human primates		Ch 7
Wed Sept 27	Primate Evolution	Quiz 2	Ch 8
Mon Oct 2	Early Hominins		Ch 9
Wed Oct 4	<i>Homo erectus</i> & <i>Archaic Homo sapiens</i>	Quiz 3	Ch 10 pp. 232-40; 245-54; 260-62
<b>Oct 9-13</b>	<b>Study Week – no classes</b>		
Mon Oct 16	<i>Archaic Homo sapiens</i> (including Neanderthals); Anatomical modern <i>Homo sapiens sapiens</i>		Ch 10 pp 220-26
Wed Oct 18	Lecture if needed followed by INTERACTIVE review for Part I Exam/Course Midterm	Quiz 4	
Mon Oct 23	Part I Exam/Course Midterm	Part I Exam/Course Midterm	

## Part II: Archaeology (Dr. Metcalfe)

Date	Lecture Topic & Deadlines	Readings (from Muckle & Camp*, unless otherwise indicated)
W Oct 25	Archaeological practice & ethics I	Prologue & Ch. 1-3
M Oct 30	Archaeological practice & ethics II <b>Assignment 1 (Primary response) due</b>	Prologue & Ch. 1-3; <a href="#">Nash (2019)</a> <i>Sapiens: Stone Age Myths</i>
W Nov 1	Archaeological methods & theory I <b>Assignment 1 (Comments) due</b>	pp. 79-84, 99-119, 141-149
M Nov 6	Archaeological methods & theory II	pp. 84-97, 130-139
W Nov 8	First material cultures I	pp.124-127, 150-158
M Nov 13	First material cultures II <b>Assignment 2 due</b>	<a href="#">Ore (2022)</a> <i>CBC: Children in the Ice Age</i>
W Nov 15	Settlement & subsistence I	Ch. 8 & pp. 214-217
M Nov 20	Settlement & subsistence II <b>Assignment 3 due</b>	Ch. 8 & pp. 214-217
W Nov 22	Human migrations	<a href="#">Raff (2022)</a> <i>Aeon: First Americans</i>
M Nov 27	Inequality & ideology I	Ch. 9 & pp. 217-218
W Nov 29	Inequality & ideology II <b>Assignment 4 due</b>	Ch. 9 & pp. 217-218
M Dec 4	Relevance of archaeology to our modern world	pp. 221-226 & Ch. 11
Dec 7-17	<b>Final exam – online during exam period (date &amp; time TBD by university)</b>	

## **General Information**

### **Regulations – from the Lakehead University [Academic Calendar](#)**

It is the responsibility of each student registered at Lakehead University to be familiar with, and comply with all the terms, requirements, regulations, policies and conditions in the Lakehead University Academic Calendar. This includes, but is not limited to, Academic Program Requirements, Academic Schedule of Dates, University and Faculty/School Policies and Regulations and the Fees and Refund Policies and Schedules.

### **Academic Integrity**

A breach of Academic Integrity is a serious offence. The principle of Academic Integrity, particularly of doing one's own work, documenting properly (including use of quotation marks, appropriate paraphrasing and referencing/citation), collaborating appropriately, and avoiding misrepresentation, is a core principle in university study. Students are strongly advised to familiarize themselves with the Student Code of Conduct - Academic Integrity ("[The Code](#)") - and, in particular, **sections 26 and 83 through 85**. Non-compliance with the Code will NOT be tolerated in this course and the Code will be adhered to in terms of disciplinary action. The Code provides a full description of academic offences, procedures when Academic Integrity breaches are suspected and sanctions for breaches of Academic Integrity.

### **Use of AI**

Generative artificial intelligence (Generative AI or GenAI) is a category of AI systems capable of generating text, images, or other media in response to prompts. These systems include ChatGPT and its variant Bing (built by OpenAI) and Bard (built by Google) among several others. Other Generative AI models include artificial intelligence art systems such as Stable Diffusion, Midjourney, and DALL-E. **Any use of GenAI systems to produce assignments for this course is not permitted.** All work submitted for evaluation in this course must be the student's original work. The submission of any work containing AI generated content will be considered a violation of academic integrity ("Use of Unauthorized Materials").

### **Copyright**

Students should be aware that all instructional, reference, and administrative materials prepared for this course are protected in their entirety by copyright. Students are expected to comply with this copyright by only accessing and using the course materials for personal educational use related to the course, and that the materials cannot be shared in any way, without the written authorization of the course instructor. If this copyright is infringed in anyway, students may be prosecuted under the Lakehead University Student Code of Conduct – Academic Integrity, which requires students to act ethically and with integrity in academic matters and to demonstrate behaviours that support the University's academic values.



**Supports for Students** – there are many resources available to support students, including:

- [Health and Wellness](#)
- [Student Success Centre](#)
- [Student Accessibility Centre](#)
- [Academic Support Zone](#) (Writing and Math Tutoring Centre)
- [Library](#)
- [Lakehead International](#)
- [Indigenous Initiatives](#)

Lakehead University is committed to achieving full **accessibility** for persons with disabilities. Part of this commitment includes arranging academic accommodations for students with disabilities and/or medical conditions to ensure they have an equitable opportunity to participate in all of their academic activities. If you are a student with a disability and think you may need accommodations, you are strongly encouraged to contact Student Accessibility Services (SAS) and register as early as possible. For more information, please contact [Student Accessibility Services](#) (SC0003, 343-8047 or [sas@lakeheadu.ca](mailto:sas@lakeheadu.ca))

As a university student, you may sometimes **experience mental health concerns or stressful events** that interfere with your academic performance and negatively impact your daily activities. All of us can benefit from support during times of struggle. If you or anyone you know experiences academic stress, difficult life events or feelings of anxiety or depression, **Student Health and Wellness** is there to help. Their services are free for Lakehead Students and appointments are available. You can learn more about confidential mental health services available on and off campus at [lakeheadu.ca/shw](http://lakeheadu.ca/shw). Remember that getting help is a smart and courageous thing to do for yourself, for those you care about, and for those who care about you. Asking for support sooner rather than later is almost always helpful.

**Video/Audio Recording:** In the context of remote instruction and participation, video and audio recordings of class activities will be made to ensure students' and instructors' easy and comprehensive access to those activities. The recordings are **confidential** and are intended only for the use of the course students and instructors. They may otherwise not be used or disclosed. During recording, to protect others' privacy, each student should ensure that no one else is present in the location where they are being recorded without that non-student's consent. The recordings are made under the authority of sections 3 and 14 of The Lakehead University Act, 1965. Questions about the collection of the images and sounds in the recordings may be directed to Dr. Todd Randall (Dean, Faculty of Science and Environmental Studies): [dean.ses@lakeheadu.ca](mailto:dean.ses@lakeheadu.ca)