



**Department of Anthropology  
Introduction to Biological Anthropology and Archaeology  
ANTH-1032  
Fall 2025**

**CONTACT INFORMATION**

**Instructor: Dr. Whitaker  
Email: [kwhitake@lakeheadu.ca](mailto:kwhitake@lakeheadu.ca)  
Office Hours: By appointment over zoom**

**DELIVERY MODE/LOCATION**

**Course Location: A115  
Campus: Georgian / Barrie  
Times: Mon/Wed 12:30 pm - 2:00 pm**

**COURSE DESCRIPTION**

This course examines the fields of biological anthropology and archaeology and introduces students to the theories, concepts, and real-world applications of the discipline.

**COURSE OBJECTIVES**

Be able to analyse and evaluate scholarly work.  
Have a solid understanding of basic archaeological principles.  
Be able to identify the fundamental practices of archaeologists and biological anthropologists.

**LEARNING OUTCOMES**

To evaluate and discuss methodologies and theories relevant to archaeologists and biological anthropologists.  
To recognize and analyse evidence and processes in human biological and social development.  
To increase and expand your interest in archaeology and bioanthropology.

## Class Format

Class will take place in-person, unless the schedule indicates otherwise. In rare circumstances, it may be required to host a lecture over zoom, this will be communicated by email and on our course site should this be necessary. Please check these locations in the morning before you leave for class as a change will be posted by 8 am whenever possible. A zoom link will be provided and can be found on our course site under Other Tools, then scroll all the way down to Zoom. **Please ensure you bring headphones with you to campus in case you need to log on.**

## **REQUIRED MATERIALS**

The assigned readings will include a textbook:

Larsen CS

2022. *Essentials of Biological Anthropology*. WW Norton & Company; New York. (Cost (paperback) \$147.50)

As well as journal articles. You are expected to read these **BEFORE** the class in which they are assigned. These can be found in the appropriate folder on MyCourseLink under Content. We may not always discuss these specifically, however, feel free to ask questions if anything is unclear.

## Assessments

\*Unless otherwise stated, all assessments are due at 11:59 pm and must be uploaded to the course site, and must be submitted in Word with the required file name \*

\*\* The use of any type of AI program (ie Chat GPT or a PDF summary program) is absolutely NOT ALLOWED and will result in an automatic zero for the assessment \*\*

Remember these programs are stupid – you are not. You are learning how to read and critically engage with scholarly work, it takes time to develop these skills, but they are important not just to this class, but also to learn how to tell the difference between quality information in general and information with little or no substance.

## **ASSESSMENTS**

<u>Assessment</u>	<u>Grade Percentage</u>	<u>Due Date</u>
Scavenger Hunt	1% BONUS	11:59 pm September 19
Attendance	10%	Ongoing
Archaeology Assignment	20%	October 5
Midterm	25%	October 27
Anthropology Assignment	20%	November 23
Final Exam	25%	Exam Period

### **Course Scavenger Hunt 1% BONUS**

On the course website you will find a quiz which is focussed on being aware and understanding the content of the course. The aim is to make sure you are familiar with the course rules with respect to expectations as well as the various documents found in the Content section. You will have up to 10 attempts to get 100% on the quiz, but it **must be completed by 11:59pm on September 19**. If you achieve 100% you will receive a 1% bump to your final mark.

### **Attendance 10%**

Attendance will be taken every class, considering that **lecture slides and notes will NOT be posted**, you are encouraged to attend and participate in order to get full marks. Marks will be based on the following criteria: attending 90% or more classes receive 10%, attending 70-89% of classes receive 6%, attend 50-69% of classes receive 3%, attend less than 50% and you will receive no credit.

### **Archaeology Assignment 20%**

This assignment will consist of a series of questions connected to a hypothetical archaeological dig. The assignment will be posted on September 21, and you will have two weeks to complete it. You are required to use a minimum of three (3) scholarly sources (peer-reviewed journal articles only, published after 2005 – NO websites, no books, not the textbook, not the assigned readings, no book or article reviews, no encyclopedias (if you are unsure if your source is acceptable please see me before you use it), using improper sources will result in a failing grade. You must use American Antiquity (same format as your Reading List) and in-text citations for your referencing, no other referencing format will be accepted, include a title page, a completed Checklist, an alphabetical Reference List and submit your assignment in Word by 11:59 pm on the course site under Assignments on October 5.

### **Midterm 25% October 27**

The midterm will cover everything from September 3 to October 15 including lectures and all readings. We will discuss the format and have a review on October 15.

### **Anthropology Assignment 20%**

This assignment will consist of a series of questions connected to the early developments of modern humans. The assignment will be posted on November 9, and you will have two weeks to complete it. You are required to use a minimum of three (3) scholarly sources (peer-reviewed journal articles only, published after 2005 – NO websites, no books, not the textbook, not the assigned readings, no book or article reviews, no encyclopedias (if you are unsure if your source is acceptable please see me before you use it), using improper sources will result in a failing grade. You must use American Antiquity and in-text citations for your referencing, no other referencing format will be accepted, include a title page, a completed Checklist, an alphabetical Reference List and submit your assignment in Word by 11:59 pm on the course site under Assignments on November 23.

### Final Exam 25%

This exam, though based on the entire course, will not simply be a recitation of course content. The exam format will include four sections: multiple choice, short answer, a mystery section and an essay section. Every section will have choice. As a result of the lectures in class and the assigned readings, you will have developed these skills throughout the course and as long as you have reviewed these components (which will enable you to draw in examples and create a discussion), this should be straightforward. There will be a review and discussion session during the last class, and you are free to discuss any concerns and questions you have in class or with me during office hours.

### Lecture Outline

Date	Lecture Topic	Readings
September 3	Course Introduction	
September 8	Archaeological Methods I	T= 16-18, 207-214 ; Bonnicksen 1973
September 10	Archaeological Methods II	T= 215-240
September 15	Data Analysis	T= Chapter 3; Pecci <i>et al.</i> 2020
September 17	Evolution I	T= Chapter 2, 253-258
September 22	Evolution II	T= Chapter 4; Grief 2007
September 24	Primates I	T= Chapter 6
September 29	Primates II (OVER ZOOM)	T= Chapter 7
October 1	The Miocene and Early Hominins	T= 259-271, 275-295
October 5	Archaeology Assignment Due	
October 6	Australopithecines	T = 295-311
October 8	Our Genus	T = 315-341
October 15	Extra Branches in our Bushy Tree	T= 342-345, 379-381; Hakim <i>et al.</i> 2025
Fall Break October 20-24		
October 27	Midterm	
October 29	Our Sister Species	T= 357-371, 386-390; Vaesen <i>et al.</i> 2021
November 3	Migration	T=372-386, 391-397; Mason 2020
November 5	Human Variation	T= Chapter 5

November 10	Domestication and Production	T= 401-410; Armstrong <i>et al.</i> 2024
November 12	Domestication and Health	T= 410-430; Rayfield <i>et al.</i> 2023
November 17	Compassion and Art (OVER ZOOM)	McDermott 2021
November 19	Death and Burial	Peyroteo-Stjerna <i>et al.</i> 2022
November 23	Anthropology Assignment Due	
November 24	Power and Economy	McCoy <i>et al.</i> 2021
November 26	Travel and Trade	Chirikure <i>et al.</i> 2010
December 1	Review and Class Wrap-Up	T= 11-16; Surovell <i>et al.</i> 2017
December 5-14	Final Exam Period	

### Reading List (in lecture order and American Antiquity format)

Bonnichsen R

1973. Millie's Camp: An experiment in archaeology. *World Archaeology* 4 (3): 277-91.

Pecci A, E Borgna, S Mileto, ED Longa, G Bosi, A Florenzano, AM Mercuri, S Corazza, M Marchesini and M Vidale

2020. Wine consumption in Bronze Age Italy: combining organic residue analysis, botanical data and ceramic variability. *Journal of Archaeological Science* 123: 1-12.

Greeff JM

2007. Deconstructing Jaco: Genetic heritage of an Afrikaner. *Annals of Human Genetics* 71: 674-88.

Hakim B, UP Wibowo, GD van den Bergh, D Yurnaldi, R Joannes-Boyau, A Duli, Suryatman, R Sardi, IA Nurani, MR Puspaningrum, I Mahmud, A Haris, K Al Anshari, AM Saiful, PA Bungaran, S Adhityatama, PH Muhammad, A Akib, N Somba, Fakhri, B Burhan, Z Mas'ud, MW Moore, YL Perston, W Yu, M Aubert and A Brumm

2025. Hominins on Sulawesi during the Early Pleistocene. *Nature*. Open Access: 1-6.

Vaesen K, GL Dusseldorp and MJ Brandt

2021. An emerging consensus in paleoanthropology: demography was the main factor responsible for the disappearance of Neanderthals. *Nature* 11:1-9.

Mason OK

2020. The Thule migrations as an analogue for the early peopling of the Americas: Evaluating scenarios of overkill, trade, climate forcing, and scalar stress. *PaleoAmerica* 6: 308-56.

- Armstrong CG, RBG Clemente-Carvalho, NJ Turner, S Wickham, A Trant and MA Lemay  
2024. Genetic differentiation and precolonial Indigenous cultivation of hazelnut (*Corylus cornuta*, Betulaceae) in western North America. *Proceedings of the National Academy of Science* 121 (48): 1-11.
- Rayfield KM, AM Mychajliw, RR Singleton, SB Sholts and CA Hofman  
2023. Uncovering the Holocene roots of contemporary disease-scapes: bringing archaeology into One Health. *Proceedings of the Royal Society B* 290: 1-11.
- McDermott A  
2021. What was the first “art”? How would we know?. *Proceedings of the National Academy of Science* 118 (44): 1-5.
- Peyroteo-Stjerna R, LN Stutz, HL Mickleburgh and JL Cardoro  
2022. Mummification in the Mesolithic: New approaches to old photo documentation reveal previously unknown mortuary practices in the Sado Valley, Portugal. *European Journal of Archaeology* Open Access: 1-22.
- McCoy MD, J Casana, AC Hill, EJ Laugier, MA Mulrooney and TN Ladefoged  
2021. Unpiloted aerial vehicle acquired Lidar for mapping monumental architecture: A case study from the Hawaiian Islands. *Advances in Archaeological Practice* 9: 160-74.
- Chirikure S, A Sinamai, E Goagoses, M Mubusisi and W Ndoro  
2010. Maritime archaeology and trans-oceanic trade: A case study of the Oranjemund shipwreck cargo, Namibia. *Journal of Maritime Archaeology* 5: 37-55.
- Surovell TA, JL Toohey, AD Myers, JM LaBelle, JCM Ahern and B Reisig  
2017. The end of archaeological discovery. *American Antiquity* 82 (2): 1-13.

### **Reference Citation Style**

Within the text, you need to identify sources for all information you use, except for that which is common knowledge or your original thoughts. You must cite sources (including page numbers) for any relatively specific information that you are referring to (e.g., Harris 1991: 285), not just when citing or paraphrasing. If you are using a citation in a very general way, such as referring to the entire work, then only the author's name and publication date is required (e.g., Harris 1991).

Please use **American Antiquity** style. This is the required format. These citations should appear within the text in the appropriate place (directly before or after the information used or quoted). Do not use footnotes or endnotes.

Every reference or source of information that you actually utilize must appear in the References Cited / Reference List section (use one of these headings). **I do not want a Bibliography (which is a list of sources consulted but not used).** Follow the required format for the References Cited section of your

paper, see some examples below. Pay attention to what is indented and capitalized below, as well as the order of presentation (see the Written Assessment Style Guide for more examples). Above all, be consistent.

#### In your Reference List

##### **For a journal article or chapter in an edited volume:**

Harrison R, J Smyth and E Breithoff

2017 Archaeologies of the Contemporary World. *Annual Review of Anthropology* 46: 201-221.

Spector J and M Whyte

1991 What This Awl Means: Towards a Feminist Archaeology. In *Engendering Archaeology*, edited by J Gero and M Conkey. Blackwell, London: 388-406.

##### **For a book:**

Kelly, RL

2013 *The Lifeways of Hunter-Gatherers: The Foraging Spectrum*. Smithsonian Institution Press, Washington, D.C.

#### In-text Citations

This means within the body of your paper. \*\*The author's last name must always be connected with their publication year, no hanging years: Smith suggested the Baltic was a promising lead (2014). **NO. Instead:** Smith (2014) suggested the Baltic was a promising lead.

##### **Sources with a single author**

It has been suggested that there were at least two prehistoric migrations into South America (Sutter 2021). **(Author's Last Name Publication Year)**.

##### Or

Sutter (2021) suggests that there were at least two prehistoric migrations into South America. **Author's Last Name (Publication Year)**.

##### **Sources with two authors**

Some have suggested that there were at least two prehistoric migrations into South America (Sutter and Smith 2009; Mayne and Lui 2018). **(Author A Last Name and Author B Last Name Publication Year)**

##### Or

Sutter and Smith (2009) argue . . . **Author A Last Name and Author B Last Name (Publication Year)**

### Sources with more than two authors

Some have suggested that there were at least two prehistoric migrations into South America (Sutter *et al.* 1999; Planx *et al.* 1989). **(First Author Last Name *et al.* Publication Year)** *et al.* means “and others” – only within brackets!

### Or

Sutter and colleagues (1999) suggest that there were at least two prehistoric migrations into South America. **First Author Last Name and colleagues (or synonym) (Publication Year)**

**Multiple citations for a given statement** - these should be in alphabetical order of first author

Some have suggested that there were at least two prehistoric migrations into South America (Neves 2012; Powell 2011; Sutter 2016). **If you use a plural (some) you must cite multiple sources.**

**When referencing a quote** - the page number(s) should follow the year and a colon:

Sutter (1999: 5) states "there were at least two prehistoric migrations into South America."

### Or

"There were at least two prehistoric migrations into South America" (Sutter 1999:5).

See your reading list for additional examples, and also the Written Assessment Style Guide. If you are using the electronic version of a regular journal, you need provide only the usual attribution, not the URL or DOI.

### Course, Department and University Policies

**Class expectations:** You are expected to read this outline in its entirety and follow all guidelines as they are clearly set out. If you have any questions, ask them as soon as possible. I will not necessarily be checking my email the night before an assignment is due, so please plan accordingly. Although we will be discussing evolution throughout this course, we will be maintaining a scientific focus. We will not be debating the merits or the accuracy of evolution in comparison to religious thought. You are free to have whatever opinions you may have on the matter but please leave these non-scientific opinions at the door, as this is not the appropriate forum for them. This class will be a respectful place; no insulting language or actions will be tolerated.

**There is absolutely no photography or lecture recording permitted in this class.**

**Communication with Dr. Whitaker:** Feel free to email me regarding concerns, however please read through the course outline first, as often, the answer can be found here. If, in fact, your answer can be found within the course documents, I will direct you there to find your answer.



In composing your email, you must send it from your Lakehead account, please DO NOT send an email from the course site (I am not allowed to reply to personal email accounts), include your course number in the subject field and write a formal email, addressing myself in a respectful manner (see the beginning of this section), use complete sentences and sign your email with your full name and student number. Please do not simply attach assignments to blank emails or write as though you are sending a text to your friend (**this drives me crazy**). Send me an email and follow all the communication rules in this paragraph and attach the cutest image of a living Buff Laced Polish Chicken for a 0.5% bump to your final mark. All of this criterion must be followed, the email must be received by 11:59 pm on September 30, 2025, to qualify, no exceptions or extensions. I will try to answer emails throughout the term in a timely manner, usually within 48 hours, though I will not be checking or responding to emails from 6:00 pm on Friday to 9:00 am on Monday. If you have not received a response within 72 hours I may not have received your email so please send it again or speak to me in class.

**Readings:** You are expected to complete all readings BEFORE the assigned class. We may discuss the readings in class, but your lectures will not repeat them so come to class prepared to ask and answer questions.

**Attendance:** It is HIGHLY recommended you attend all classes. It is expected you will show up and participate in every class. Lecture notes and power point presentations WILL NOT be provided so it is up to you to ensure you are keeping up with the pace of the course. Please see me as soon as possible if you feel you are getting behind.

**Late Policy:** You are expected to submit all work on time and be in class. If an assignment is late, 5% will be deducted for every 24 hours past the due date (received by 11:59pm) and will not be accepted after three days (72 hours after the deadline). The Anthropology Department will not accept assignments in person or by email. Deadlines are firm, and **no extensions** will be given unless there are extenuating circumstances, and the appropriate documentation is provided.

If an extension is requested, Dr. Whitaker must be informed by email at least 24 hours BEFORE the assignment is due. **Please note: stating that you have a lot of other course work is not grounds for an extension, and honestly, no professor wants to hear this.** Required documentation will be specific to each case as appropriate. You must have a response from Dr. Whitaker indicating the granting of an extension as confirmation it has been accepted. **ALWAYS** keep a backup copy of your work!

**Regrading Assignments:** If you feel you deserve a different mark on an assignment, please use the following procedure: **take 24 hours to step back and consider your assignment.** Read through all of the comments (you will need to download your assignments from me to see my comments) and think about what aspects you understand and agree with and where you have concerns. After 24 hours compose a written explanation of why you feel you deserve a different mark by specifically referring to areas within your paper, comments made, and the grading rubric for your specific assignment. Do not discuss your

work in relation to other students', but rather within the context of the work you have put into it and the assignment expectations. Marks are not given based on how much perceived effort you put in, but rather the conformation to assessment and class expectations. Email your explanation as an attachment and also include a copy of your marked assignment. You can expect a response within 72 hours, however, keep in mind your mark could remain the same, be increased, or decreased upon a secondary review.

**Academic Conduct:** You are expected, as a university student, to abide by and follow the Student Code of Behaviour. This means you will submit only your own, original work. If it is found that you have been less than honest in your submission you may receive a mark of zero for the assignment or the course and may possibly face further penalties. Just don't do it. **The standard definition of plagiarism is copying four or more words in a row without quote marks. A consistent pattern of "paraphrasing" by changing only one or two words also constitutes plagiarism.**

**Recording:** No form of mechanical or electronic recording device, including cell phone cameras, may be used in this class without the express written approval of the instructor. This includes but is not limited to audio recordings, video recordings, and still photographs.

It is the responsibility of all students to read, familiarize themselves with, and abide by all university regulations and services as presented in the official University Calendar for the current academic year.

## **Content and Copyright**

Please be advised that the intellectual property rights in the material referred to on this syllabus [and posted on the course site] may belong to the course instructor or other persons. You are not authorized to reproduce or distribute such material, in any form or medium, without the prior written consent of the intellectual property owner. Violation of intellectual property rights may be a violation of the law and University of Toronto policies and may entail significant repercussions for the person found to have engaged in such act. If you have any questions regarding your right to use the material in a manner other than as set forth in the syllabus, please speak to your instructor.

## **GENERAL REGULATIONS**

Student Accessibility Services (SAS) (Thunder Bay) and Student Affairs (Orillia) coordinate services and facilitates reasonable academic accommodations for students with disabilities. Academic accommodations are provided on the basis of documentation of a disability. Additional information is available at the following campus websites:

Thunder Bay: <http://learningassistance.lakeheadu.ca/>.

Orillia: <http://orillia.lakeheadu.ca/about-us--orillia-student-affairs/>

## **ACADEMIC DISHONESTY:**

The University takes a most serious view of offences against academic honesty such as plagiarism, cheating and impersonation. Penalties for dealing with such offences will be strictly enforced.

A copy of the "Code of Student Behaviour and Disciplinary Procedures" including sections on plagiarism and other forms of misconduct may be obtained from the Office of the Registrar.

The following rules shall govern the treatment of candidates who have been found guilty of attempting to obtain academic credit dishonestly.

(a) The minimum penalty for a candidate found guilty of plagiarism, or of cheating on any part of a course will be a zero for the work concerned.

(b) A candidate found guilty of cheating on a formal examination or a test, or of serious or repeated plagiarism, or of unofficially obtaining a copy of an examination paper before the examination is scheduled to be written, will receive zero for the course and may be expelled from the University.

Students disciplined under the Code of Student Behaviour and Disciplinary Procedures may appeal their case through the Judicial Panel.

Note: "Plagiarism" shall be deemed to include:

1. Plagiarism of ideas as where an idea of an author or speaker is incorporated into the body of an assignment as though it were the writer's idea, i.e. no credit is given the person through referencing or footnoting or endnoting.
2. Plagiarism of words occurs when phrases, sentences, tables or illustrations of an author or speaker are incorporated into the body of a writer's own, i.e. no quotations or indentations (depending on the format followed) are present but referencing or footnoting or endnoting is given.
3. Plagiarism of ideas and words as where words and an idea(s) of an author or speaker are incorporated into the body of a written assignment as though they were the writer's own words and ideas, i.e. no quotations or indentations (depending on format followed) are present and no referencing or footnoting or endnoting is given.

A listing of University Regulations can be found at:

<http://calendar.lakeheadu.ca/current/contents/regulations/univregsintro.html>

The code of student behaviour and disciplinary procedures can be found at:

<http://policies.lakeheadu.ca/policy.php?pid=60>