

**Archaeology 595**  
**Problems in Paleopathology and Paleonutrition**  
**Winter 2020**

Instructor: Dr. Kim Edwards

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Lectures: TR 15:30 – 16:45 pm in SA 123

Office Hours: Tuesday 1:00 – 2:00 pm in ES 744

Prerequisite(s): Consent of the Department.

Antirequisite(s): Credit for Archaeology 523 and Geography 523 will not be allowed.

### **Course Objectives**

The goal of this seminar course is to develop an understanding of the role of diet and disease in both modern and past human populations. We will explore the historical and theoretical underpinnings of paleopathology and paleonutrition, and the valuable information regarding diet, disease, and trauma that can be learned from studying the human skeleton. Paleopathology and paleonutrition will ultimately be discussed under the framework of human adaptation, from behavioural to genetic, and the co-evolution of disease and human populations.

### **Readings and Required Texts**

- Roberts, C. & Manchester, K. 2005. *The Archaeology of Disease* (3<sup>rd</sup> Edition). Cornell University Press: Ithica.
- Grauer, A.L. (ed). 2012. *A Companion to Paleopathology*. Blackwell: New Jersey. *(This book is also available online through the University of Calgary Library catalogue.)*
- Additional readings, as indicated in the Course Reading List (posted to D2L). Most articles can be obtained online through the University of Calgary library website. Articles from book chapters not available online will be made available as photocopies and held on reserve at the Taylor Family Digital Library.

### **Evaluation**

<b>Assignment</b>	<b>Mark</b>	<b>Due Date</b>
Differential Diagnosis	10%	Thursday, February 6 (In Class)
Journal Article Review	15%	Tuesday, March 10 (In Class)

Group Presentation	20%	TBD
Poster	30%	Thursday, April 14 (Midnight)
Discussion and Class Participation	25%	

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Differential Diagnosis:

Students will diagnose a bony pathological lesion using a differential diagnosis procedure. Background information and photographs of the pathological lesion will be provided in class. Guidelines for the assignment will be posted on D2L.

Journal Article Review:

Students will critically evaluate a journal article from a selection of readings that will be provided. Guidelines for this assignment will be posted on D2L.

Group Presentation:

Groups consisting of 2-3 students will lead 2 classes during the semester. Leading class entails presenting the material assigned for that date, either through a PowerPoint presentation or another type of group activity, as well as leading discussion of the readings assigned in the Course Reading List in the following class. Groups will also be responsible for choosing one additional reading on their topic, which must be approved by the instructor at least **one week** in advance of the group presentation date. Presentation materials will also need to be approved by the instructor **3 days** in advance of the group presentation (i.e. If you present on Tuesday, the presentation materials will need to be approved on the Thursday prior)

Poster:

Students will create an academic poster based on a topic of their choice. Guidelines for this assignment will be posted on D2L.

Discussion/Class Participation:

As this is a seminar course, attendance and active participation in class are imperative for critical analysis of the course material and for overall student success. As such, students will be evaluated on class participation. Please note that evaluation will not depend solely on the quantity of participation but also the quality of discussion. Participation marks are calculated for **each** class as follows:

- |                           |  |
|---------------------------|--|
| 0 = does not participate  | 2 = contributes to discussion                            |
| 1 = minimal participation | 3 = insightful questions and contributions to discussion |

The insightful questions and contributions to discussion should demonstrate your understanding of the material while including relevant and related studies and researchers. As part of the participation marks (1 of 3 per day), you must bring at least two questions on the scheduled

readings for each class which will be used for discussion and will be submitted to the instructor at the end of class each day.

#### Late/Missed Assignments:

Students must provide advance notice if unable to complete an assignment by the due date. Requests to submit an assignment after the due date must be accompanied by supporting documentation, as outlined in the University Calendar. Students will receive a deduction of 10% on their assignment per school day if there is no supporting documentation.

#### **Grading**

<b>Letter Grade</b>	<b>Percentage Range</b>	<b>Letter Grade</b>	<b>Percentage Range</b>
A+	95 or above	C+	68 – 72.9
A	90 – 94.9	C	64 – 67.9
A-	85 – 89.9	C -	59 – 63.9
B+	81 – 84.9	D+	54 – 58.9
B	77 – 80.9	D	50 – 53.9
B-	73 – 76.9	F	49.9 or below

#### Citation Style:

An important cornerstone of good scholarship is the proper citation of references used during research. All your assignments will therefore be assessed for proper citation using the **American Psychological Association (APA) Citation and Format Style**. This is the format used by the American Journal of Physical Anthropology. A guide to the APA style can be found at [https://owl.purdue.edu/owl/research\\_and\\_citation/apa\\_style/apa\\_style\\_introduction.html](https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_style_introduction.html).

#### **Communication and Email Policy**

Students are encouraged to take advantage of the instructor's office hours to address any questions or concerns that they may have regarding the course. This is also a wonderful opportunity to discuss concepts and ideas that are covered in class.

The best way to contact the instructor is through email. I will do my best to answer emails within 48 hours upon receipt within standard business days and hours. Also, note that I will not answer emails related to assignments that are due within 24 hours. Please manage your time accordingly and address concerns well in advance of the due date.

#### **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, instructors can and may 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.

### **Academic misconduct**

The University expects Students to conduct Academic Activities with integrity and intellectual honesty and to recognize the importance of pursuing and transmitting knowledge ethically. “Academic Misconduct” includes such things as Cheating, Falsification; Plagiarism, Unauthorized Assistance and failure to comply with exam regulations or an Instructor’s expectations regarding conduct required of Students completing academic assessments. Academic Misconduct is a serious form of intellectual dishonesty with significant consequences. Students who participate in, or encourage the commission of, Academic Misconduct will be subject to disciplinary action which could include Probation, Suspension, or Expulsion from the University. For more information see the Student Academic Misconduct Policy (<https://www.ucalgary.ca/policies/files/policies/student-academic-misconduct-policy.pdf>)

### **Instructor intellectual property**

Lectures, demonstrations, performances, and any other course material provided by an instructor includes copyright protected works under the Copyright Act and all forms of electronic or mechanical recording of lectures, laboratories, tutorials, presentations, performances, electronic (computer) information, the duplication of course material, and to the translation of recordings or transcriptions of any of these materials to another form by electronic or mechanical means by students is not permitted, except.

- As a formal accommodation as assessed by the Student Accessibility Services and only for individual private study and only at the discretion of the instructor.
- With the permission of the instructor, students without a formal accommodation may audio record lectures, provided that the student and instructor sign a release form available from departmental and faculty offices. A copy of the Release form shall be retained by the instructor and by the department in which the course is offered. Any audio recording by students is permitted only for the purposes of private study by the individual student. Students may not distribute, email or otherwise communicate these materials to any other person.
- For any other use, whether by duplication, transcription, publication, sale or transfer of recordings, written approval must be obtained from the instructor for the specific use proposed.
- Any use other than that described above (e.g. distributing, emailing or otherwise communicating these materials to any other person, constitutes academic misconduct and may result in suspension or expulsion.
- Students are encouraged to make notes of classroom discussions, lectures, demonstrations etc.

## **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. The Department of Anthropology and Archaeology keeps exams and any term work not picked up for a minimum of one year after which it is destroyed. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

## **Academic Accommodations**

It is the student's responsibility to request academic accommodations according to the University policies. Students requesting an Accommodation on the basis of Disability are required to register with Student Accommodation Services (SAS) by submitting a Request for Accommodation in accordance with the Procedure for Accommodations for Students with Disabilities (<https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf>). SAS will issue a Letter of Accommodation which must be presented to either designated contact person within the Department or the appropriate Instructors within 10 days of the beginning of term. Students needing an Accommodation in relation to their coursework or to fulfil requirements for a graduate degree, based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to their Instructor or the Department Head/Dean or to the designated contact person in their Faculty.

## **Copyright**

All **students** are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright ([www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf](http://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright.pdf)) and requirements of the copyright act (<https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html>) to ensure they are aware of the consequences of unauthorized sharing of course materials (including instructor notes, electronic versions of textbooks etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

## **Support and Resources:**

Non-course-specific related information can be found on the Office of the Registrar's website: <https://www.ucalgary.ca/registrar/registration/course-outlines>

**Note:** information here includes

- Emergency Evacuation/Assembly Points
- Wellness and Mental Health Resources
- Student Success Centre
- Student Ombuds Office
- Student Union (SU) Information
- Safewalk