

**DEPARTMENT OF ANTHROPOLOGY AND ARCHAEOLOGY**

**ARCHAEOLOGY 555  
HUMAN OSTEOLOGY**

**Fall 2018**

Instructor: Dr. Katzenberg Office: ES 816  
Phone: 220-3334  
email: katzenbe@ucalgary.ca  
Lectures: TR 9:30 – 10:45 ES 743  
Lab: T or R 11:00 – 12:45 ES 743

**Prerequisite(s):** Archaeology 203 or Anthropology 201 and admission to the Archaeology or Anthropology Major.

**Course Objectives:**

This course covers normal human skeletal and dental anatomy at the gross and microscopic levels and emphasizes the application of that knowledge to the analysis of human remains from both prehistoric and recent contexts. Such applications include determination of sex, age at death, stature and population affiliation. Techniques for reconstructing populations, interpreting disease experience and examining microevolution will be covered. Historical aspects of human osteology and the integration of information obtained from the human skeleton with other archaeological evidence are also discussed. Additional topics include forensic anthropology, the reconstruction of prehistoric diet and ethical issues regarding the excavation, study and sampling of human remains.

**Required Textbook and Lab Manual: (should be available at U of Calgary bookstore)**

1. Human Osteology : **White**, T.D., Black, M.T. and Folkens, P.A.. Academic Press/ Elsevier 3<sup>rd</sup> edition.
2. Standards for data collection from human skeletal remains: edited by Jane E. **Buikstra** and Douglas H. Ubelaker, Arkansas Archaeological Survey Research Series No. 44, latest edition. ISBN 1-56349-075-7.

**Recommended Textbook**

Juvenile Osteology: A Laboratory and Field Manual, Schaefer, M., Black, S. and L. Scheuer, Academic Press/Elsevier.

**Grading:**

Practical Examination (mid-term) 25% (normal anatomy) October 16, 2018  
Laboratory Reports 50% (Labs 1 & 2 - 10% each; Labs 3 & 4 - 15% each)  
Scheduled Final Examination 25% (Date, time and location set by Registrar's Office)

**Grading scale**

|             |    |             |   |             |    |
|-------------|----|-------------|---|-------------|----|
| 94.5 – 100  | A+ | 84.5 – 94.4 | A | 79.5 – 84.4 | A- |
| 77.5 – 79.4 | B+ | 72.5 – 77.4 | B | 69.5 – 72.4 | B- |
| 66.5 – 69.4 | C+ | 62.5 – 66.4 | C | 59.5 – 62.4 | C- |
| 56.5 – 59.4 | D+ | 50.0 – 55.5 | D |             |    |
| < 49.       | F  |             |   |             |    |

### **Course learning outcomes**

Upon completion of this course, students should be able to:

- Prepare a laboratory report
- Identify in detail the physical characteristics of human skeletal anatomy
- Determine basic identifying features from skeletal remains, including sex, age at death, and stature
- Use osteometric equipment
- Explain the contributions of skeletal analysis to studies of comparative anatomy and archaeological investigation

### **Internet and Electronic Communication Device information:**

- Please use common sense. Use your computer to access blackboard, take notes, read assignments, view helpful websites, but please do not watch movies, use Facebook, email or engage in other electronic distractions during class.

### **Writing Across the Curriculum**

- Laboratory reports and essay examination questions must be clearly written and presented as prose (not in point form).

### **PLAGIARISM AND CHEATING**

Plagiarism: “to steal and pass off the ideas or words of another as one’s own” (Webster’s). Plagiarism will not be tolerated and will automatically result in a failing grade for the submission. Any student caught plagiarizing will also be subject to additional University sanctions. Students are expected to be familiar with the Department of Anthropology and Archaeology’s policy on intellectual honesty

### **DEFERRED EXAMS:**

A student who is absent from a test for legitimate reasons must discuss an alternative course of action with the instructor. The instructor at their discretion may transfer the percentage weight for the test to the final examination, if there is a final examination in the course, set another test, etc. An instructor will normally make this decision on the basis of verbal information provided by the student. In the event that an instructor feels that they cannot judge the veracity of the information provided, Students must be aware that they are responsible for payment of any charge associated with the medical assessment and documentation as this service falls outside the realm of services provided by the Provincial Health Care Plan. Deferral of the final exam requires Registrar approval.

### **ACADEMIC ACCOMMODATIONS**

<http://www.ucalgary.ca/access/accommodations/policy>

Students needing an Accommodation because of a Disability or medical condition should communicate this need to Student Accessibility Services in accordance with the Procedure for Accommodations for Students with Disabilities

Students needing an Accommodation based on a Protected Ground other than Disability, should communicate this need, preferably in writing, to the instructor of this course.

## **ACADEMIC INTEGRITY**

Academic integrity is essential to the pursuit of learning and scholarship in a university, and to ensuring that a degree from the University of Calgary is a strong signal of each student's individual academic achievements. As a result, the University treats cases of cheating and plagiarism very seriously. Non-academic integrity also constitutes an important component of this program.

For detailed information on what constitutes academic and non-academic misconduct, please refer to the following link: <http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

All suspected cases of academic and non-academic misconduct will be investigated following procedures outlined in the University Calendar. If you have questions or concerns about what constitutes appropriate academic behavior or appropriate research and citation methods, you are expected to seek out additional information on academic integrity from your instructor or from other institutional resources.

Where there is a criminal act involved in plagiarism, cheating or other academic misconduct, e.g., theft (taking another student's paper from their possession, or from the possession of a faculty member without permission), breaking and entering (forcibly entering an office to gain access to papers, grades or records), forgery, personation and conspiracy (impersonating another student by agreement and writing their paper) and other such offences under the Criminal Code of Canada, the University may take legal advice on the appropriate response and, where appropriate, refer the matter to the police, in addition to or in substitution for any action taken under these regulations by the University

## **TEACHING EVALUATIONS / USRI (Universal Student Ratings of Instruction)**

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses. **Your responses make a difference, please participate!** Website: <http://www.ucalgary.ca/usri/>

## **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, members of faculty can and should 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

**Emergency Evacuation Assembly Points:** In the event of an emergency that requires evacuation, please refer to the following link to become familiar with the assembly points for the class: <http://www.ucalgary.ca/emergencyplan/assemblypoints>

## **Freedom of Information and Protection of Privacy Act: 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. Please refer to the following link for detailed information: <http://www.ucalgary.ca/legalservices/foip>

The Department of Anthropology and Archaeology's FOIP (Freedom of Information and Privacy) policy requires all reports/examinations to be returned to students during class time or the instructor's office hours. Any term work not picked up will be placed in the Anthropology and Archaeology Office (ES620) for distribution. Any student not wishing to have their work placed in the office must make alternative arrangements with the course instructor early in the term.

**Safewalk Information:** Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at (403) 220-5333 or use a help phone, and Safewalkers or a Campus Security Officer will accompany you to your campus destination.

**Faculty of Arts Program Advising and Student Information Resources:** Have a question, but not sure where to start? Arts Students' Centre

The Faculty of Arts Students' Centre is the overall headquarters for undergraduate programs in the Faculty of Arts. The key objective of this office is to connect students with whatever academic assistance that they require.

In addition to housing the Associate Dean, Undergraduate Programs and Student Affairs and the Associate Dean for Teaching and Learning, the Arts Students' Centre is the specific home to:

- program advising
- the Faculty's Co-operative Education Program
- the Arts and Science Honours Academy
- the Faculty's Interdisciplinary Programs
- a Student Help Desk

Location: Social Sciences Room 102

Phone: 403.220.3580

Email: [ascarts@ucalgary.ca](mailto:ascarts@ucalgary.ca)

Website: [arts.ucalgary.ca/undergraduate/](http://arts.ucalgary.ca/undergraduate/)

For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at (403) 210-ROCK [7625] or visit them at the MacKimmie Library Block.

Contacts for Students Union Representatives for the Faculty of Arts:

[arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca)

[arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca)

[arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca)

[arts4@su.ucalgary.ca](mailto:arts4@su.ucalgary.ca)

**Ombudsman's office:** <http://www.ucalgary.ca/ombuds/>