

ARCHAEOLOGY 555
HUMAN OSTEOLOGY

Fall 2010

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

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 archaeological 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 Texts:

1. Skeleton Keys: An Introduction to human skeletal morphology, development, and analysis, 2nd edition by Jeffrey H. Schwartz. Oxford University Press, 2007.
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.
3. The Human Bone Manual, by T.D. White and P.A. Folkens. Elsevier.

Recommended Texts:

1. Katzenberg, MA. and Saunders, SR. 2008 Biological Anthropology of the Human Skeleton, 2nd edition. John Wiley & Sons, New York.

Grading:

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

Grading scale

95 -100 A+	85-94 A	80-84 A-
78-79 B+	73 – 77 B	70 – 72 B-
67-69 C+	63-66 C	60-62 C-
57-59 D+	50-56 D	
< 50 F		

There is no specific or particular component of this course that is essential to pass the course as a whole.

Students in the course are not expected to participate as subjects or researchers when research on human subjects may take place as this is not applicable to the course.

There are no optional and/or mandatory supplementary fees for this course.

Computer use in class is permitted for taking notes, reading assignments, viewing helpful websites, but please do not use the computer to watch movies, use Facebook, email or 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).

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 Centre in the Effective Writing Office can be utilized by all undergraduate and graduate students who feel they require further assistance.

Academic Accommodation Policy

The purpose of academic accommodation is to provide students with documented disabilities equal opportunity to master the essentials of a post-secondary education. Students with disabilities at the University of Calgary have met all admission requirements but may have done so with the use of accommodations. Similarly, they are expected to meet all academic and non-academic requirements. Adaptive technology and other academic accommodations do not relieve students of their responsibility to develop the essential skills and abilities expected of all students.

Please refer to the following web link for detailed information:

<http://www.ucalgary.ca/drc/node/71>

Disability Resource Centre Accommodations

It is the responsibility of the student to request academic accommodations. If you are a student with a documented disability who may require academic accommodation and have not registered with the Disability Resource Centre, please contact their office at (403)220-8237.

Students who have not registered with the Disability Resource Centre are not eligible for formal academic accommodation. Students are also required to discuss their needs with the instructor no later than fourteen (14) days after the start of the course.

Freedom of Information and Protection of Privacy Act

Information regarding the [Freedom of Information and Protection of Privacy Act](#) and how this impacts the receipt and delivery of course material;

- Lab reports will be handed back in class or available for pickup by the person who wrote them.

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/secretariat/system/files/foip%20overview.pdf>

Academic Misconduct

Academic dishonesty is an unacceptable activity at the University of Calgary and students are **strongly advised** to read the Student Misconduct section of the University Calendar. Quite often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are:

- 1) Presenting another student's work as your own
- 2) Presenting an author's work or ideas as you own without proper referencing
- 3) Using work completed for another course

This activity will not be tolerated and students conducting themselves in this manner will be dealt with according to the procedures outlined in the University Calendar.

For detailed information on what constitutes academic misconduct, please refer to the following link:

<http://www.ucalgary.ca/pubs/calendar/current/k-2-1.html>

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>

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.

Contact Information for Student and Faculty Representation

Student Union Vice President – Academic

Phone: (403) 220-3911

Email: suvpaca@ucalgary.ca

Student Union Faculty Representative

Phone: (403) 220-3913

Email: socilscirep@su.ucalgary.ca

Student Ombudsman's Office

<http://www.su.ucalgary.ca/services/student-services/students-rights.html>