

ARCHAEOLOGY 555  
HUMAN OSTEOLOGY

Fall 2013

Instructor: Dr. Katzenberg  
Office: ES 816  
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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 (see options regarding recommended text):**

1. \*Skeleton Keys: An Introduction to human skeletal morphology, development, and analysis, 2<sup>nd</sup> 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. (This book is a smaller, lighter version of the recommended textbook and is not quite as comprehensive).

**Recommended Text:**

1. \*White, T.D., Black, M.T. and Folkens, P.A. Human Osteology. Academic Press/ Elsevier. (If you purchase this book, you do not need to purchase The Human Bone Manual and you may also use this instead of Skeleton Keys).

**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				

### **Additional information, required by the university:**

Whether or not a passing grade on any particular component of a course is essential if the student is to pass the course as a whole;

- Not

Whether students in the course may be expected to participate as subjects or researchers when research on human subjects may take place;

- No

A list and description of approved optional and mandatory supplementary fees for courses;

- None

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).

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](mailto:suvpaca@ucalgary.ca)

Student Union Faculty Representative

Phone: (403) 220-3913

Email: [socilscirep@su.ucalgary.ca](mailto:socilscirep@su.ucalgary.ca)

Student Ombudsman's Office

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