

ARCHAEOLOGY 417

ZOOARCHAEOLOGY

WINTER 2011

Instructor: Brian Kooyman
Office: ES 806
Phone: 220-5227 (Department Office)
Office Hours: W 10:00-12:00, or by appointment
Lecture/Lab: TR 14:00 – 16:50 ES 859

COURSE DESCRIPTION

The course encompasses the study and analysis of animal remains from archaeological sites, primarily as these relate to the reconstruction of prehistoric subsistence strategies of hunter gatherers. A major objective of the course is to develop an ability to identify animal species from archaeological remains, and to develop an ability to identify the various bone elements of vertebrate species. Here the emphasis will be on mammals, particularly Bison, but other groups such as fish and birds will also be included. The main component of the course will be a study of the techniques that may be employed to analyze animal bones once they have been identified. Techniques discussed include various quantification techniques, aging and sexing analysis, butchering pattern analysis, techniques for studying the season of occupation, and a consideration of the various cultural and natural taphonomic factors that effect archaeological remains. The implications these analyses have for assessment of social phenomena such as status will also be discussed.

TEXTS

REQUIRED

- 1) Elizabeth Reitz and Elizabeth Wing. 2008. **Zooarchaeology** (Second Edition). Cambridge University Press.
- 2) J.C. Kasper. 1980. **Skeletal Identification of California Sea Lions and Harbour Seals for Archaeologists**. San Diego Museum of Man (photocopy reprint).
- 3) Debbi Lee Cannon. 1987. **Marine Fish Osteology: A Manual for Archaeologists**. Department of Archaeology, Simon Fraser University.

SUGGESTED

- 1) Cheryl Forner and Echo Miller. 2002. **Osteological Guide to the Bison, Burbot, and Ring-necked Pheasant**. (CD purchased from Archaeology Department).
- 2) Chris Savage. 2005. **Bisonline**. (CD purchased from Archaeology Department)

GRADING:

Lab (bone identification) Quizzes (4, each for 5%)	20%
Aging/Sexing Lab	10%
Butchering Analysis Project (Portions due March 18 and 23)	40%
Faunal Analysis Project (Portions due April 12 and 14)	30%

Grading Scheme

A/A+	87-100%	C	63-66%
A-	83-86%	C-	59-62%
B+	79-82%	D+	55-58%
B	75-78%	D	50-54%
B-	71-74%	F	<50%
C+	67-70%		

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 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

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>