

Advanced Osteology

3:10 PM – 4:45 PM MTWRF

July 6th to August 6th, 2021

Department of Anthropology, University of Colorado Boulder

Instructor: Christina M. Ryder

Office Hours: TBD

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Overview

This course provides an intensive introduction to the human skeleton and the methods used to interpret the human skeleton. We will focus on applications in forensic anthropology. You will learn: 1) bones and features of the human skeleton, 2) fundamentals of aging, sexing, and individuating human skeletal remains, 3) how to estimate stature, weight, and the extent possible, geographic ancestry, 4) how to recognize and evaluate pre- and postmortem modification, including evidence of disease and activity. At the end of the course, we will apply the aforementioned methods to several case studies.

Required Courses: ANTH 2010. Please contact the instructor immediately with any conflict.

Graded Work: Course grades are based on lab worksheets (10), weekly quizzes (3), and an osteology sketchbook. Attendance and participation are also vital for success in this course. The final grade will be based on a curve. There will not be an opportunity to resubmit graded work.

Point Distribution:

Lab Worksheets (10)	40
Quizzes (3)	30
Osteology Sketchbook	25
Attendance/Participation	5
Total	100

Weekly Quizzes: The weekly quizzes will be on topics covered in the previous week. The format of the quizzes is written and practical. If you are late on the quiz day, please contact the instructor as soon as possible to avoid missing the exam. There are 3 quizzes, each worth 10 points.

Lab Worksheets: Students will have a hands-on opportunity to apply the methods discussed in the lecture. Students will complete the labs during class and turn in the completed report by the end of class. The labs will each be worth 4 points, and there will be a total of 10 labs.

Osteology Sketch Book: Students will sketch only 30 human bones. I will provide a list of the required bones that details the specific orientations to sketch and the required features. Anatomy sketching is best done when looking at a specimen (rather than an image); thus, students will have opportunities during class and office hours to work on their sketchbooks.

Assigned Text:

White, T. D., Black, M. T., & Folkens, P. A. (2011). Human Osteology. Academic press.

Class and Lab Rules

You may work together at stations in lab. Help and consult with your fellow students when the instructor is unavailable, but all lab reports must be written individually.

When handling skeletal materials:

- Always treat human remains with the respect they deserve
- Always hold remains with two hands over a table
- Always place skulls on a skull ring for security. Never put a skull down on the table on its teeth.
- No food or drink of any kind is allowed in the Osteology Lab EVER.
- When working with human remains, the bones, paper and a writing utensil may be on the table. Never have books or book bags on a table at the same time as bones.
- Never remove skeletal material or lab tools from the lab.

Other Class Policies:

- Attendance is a vital part of class. Students who attend regularly, pay attention and take notes generally do well.
- See me regarding documentable, extraordinary personal circumstances affecting your academic performance.
- Please come to class in a timely manner.
- Please turn all cell phone ringers off and do not send text messages during class.

Accommodation for Disabilities

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or dsinfo@colorado.edu for further assistance. If you have a temporary medical condition or injury, see [Temporary Medical Conditions](#) under the Students tab on the Disability Services website.

Classroom Behavior

Students and faculty each have responsibility for maintaining an appropriate learning environment. Those who fail to adhere to such behavioral standards may be subject to discipline. Professional courtesy and sensitivity are especially important with respect to individuals and topics dealing with race, color, national origin, sex, pregnancy, age, disability, creed, religion, sexual orientation, gender identity, gender expression, veteran status, political affiliation or political philosophy. Class rosters are provided to the instructor with the student's legal name. I will gladly honor your request to address you by an alternate name or gender pronoun. Please advise me of this preference early in the semester so that I may make appropriate changes to my records. For more information, see the policies on [classroom behavior](#) and the [Student Code of Conduct](#).

Honor Code

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the Honor Code. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code (honor@colorado.edu; 303-492-5550). Students who are found responsible for violating the academic integrity policy will be subject to nonacademic sanctions from the Honor Code as well as academic sanctions from the faculty member. Additional information regarding the Honor Code academic integrity policy can be found at the [Honor Code Office website](#).

Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation

The University of Colorado Boulder (CU Boulder) is committed to fostering a positive and welcoming learning, working, and living environment. CU Boulder will not tolerate acts of sexual misconduct intimate partner abuse (including dating or domestic violence), stalking, protected-class discrimination or harassment by members of our community. Individuals who believe they have been subject to misconduct or retaliatory actions for reporting a concern should contact the Office of Institutional Equity and Compliance (OIEC) at 303-492-2127 or cureport@colorado.edu. Information about the OIEC, university policies, [anonymous reporting](#), and the campus resources can be found on the [OIEC website](#).

Please know that faculty and instructors have a responsibility to inform OIEC when made aware of incidents of sexual misconduct, discrimination, harassment and/or related retaliation, to ensure that individuals impacted receive information about options for reporting and support resources.

Religious Holidays

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. In this class, please notify Professor Covert and your TA no later than September 14 of any anticipated conflicts with this course and your religious obligations so that accommodations can be arranged.

See the [campus policy regarding religious observances](#) for full details.