COURSE DESCRIPTION

In this course we will examine the characteristics of the human skeleton and its use in studies of functional morphology, paleodemography, and paleopathology. Labs will familiarize students with the identification of human bones and bony landmarks, while lectures will focus on more general aspects of bone biology, as well as techniques for aging and sexing skeletal material.

COURSE ORGANIZATION

Lectures and labs will be in room 10 of 10 Sachem Street on Tuesdays and Thursdays from 1-4:15pm. Labs will be in a flipped classroom format, so lab content must be studied before the corresponding lab exercises, which will include handling human skeletal specimens.

COURSE INSTRUCTOR

Professor: Eric Sargis  
Phone: 432-6140  
E-mail: eric.sargis@yale.edu  
Office: 10 Sachem Street, Room 208  
Office Hours: by appointment

COURSE REQUIREMENTS

4 quizzes (50 points each): 200 points total
TEXTBOOK

*Human Osteology*, 3rd ed. by Tim D. White

This book should be available at the bookstore. Other acceptable osteology texts include:

*The Anatomy and Biology of the Human Skeleton* by D. Steele, C. Bramblett

*Human Osteology* by W. Bass

*The Human Skeleton* by P. Shipman, A. Walker, and D. Bichell

GRADING SCALE

The grading scale below represents the percentage of total points from the four quizzes.

- A: 93-100
- A-: 90-92
- B+: 87-89
- B: 83-86
- B-: 80-82
- C+: 77-79
- C: 73-76
- C-: 70-72
- D+: 67-69
- D: 63-66
- D-: 60-62
- F: 59 and below

SCHEDULE

<table>
<thead>
<tr>
<th>Week of</th>
<th>Topics and Text Readings:</th>
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<tbody>
<tr>
<td>June 30</td>
<td>Introduction: Anatomical Terminology. Skull. Chapters 1, 2, and 4</td>
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<tr>
<td>July 7</td>
<td>Skull (con.). Sex Determination, Estimating Ancestry. <strong>Quiz 1 (July 9).</strong> Chapters 4 and 18</td>
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<td>July 14</td>
<td>Dentition, Estimating Age. Axial Skeleton. <strong>Quiz 2 (July 16).</strong> Chapters 5-7, 18</td>
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<td>July 21</td>
<td>Upper Limb, Estimating Age. <strong>Quiz 3 (July 23).</strong> Chapters 8-10, 18</td>
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<tr>
<td>July 28</td>
<td>Lower Limb. Sex Determination, Estimating Age. <strong>Quiz 4 (July 30).</strong> Chapters 11-13, 18</td>
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