

ANTH 2600 - Human Osteology

Fall 2026 Syllabus, Section 01, CRN 43549,

Credit hours: 4

Instructor

Katherine Lane

Email: kmlane03@ysu.edu

Public Instructor Information

Instructor Title: Katherine Lane, Ph.D.

Instructor Professional Qualifications: Ph.D. in Integrative Anthropological Sciences, University of Central Florida, 2025

Instructor Office Location: DeBartolo Hall 444

Course Description

2600. Human Osteology. An examination of the anatomy of the skeleton in a defleshed state to gain an understanding of the characteristics and personal biology of individuals and exploration of the range of human variation within and between populations. 4 s.h.

Course Readings

Group	Title	Author	ISBN
Required	The Human Bone Manual	White & Folkens	978-0120884674

Assorted articles: At times throughout the semester, readings from other sources may be assigned. These readings will be made available on Blackboard.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Day	Date	Reading(s)	Proposed Topic	Due/To Prepare for Class
Tue	8/25		Welcome to Human Osteology!	
Thu	8/27		Why Study Bones? Reading the Human Skeleton	
Tue	9/1	Chapter 4	Bone Biology: Bone Structure, Growth, & Repair	
Thu	9/3	Chapter 6	Anatomical Terminology & Directions	
Tue	9/8	Agarwal (2024)	The History & Ethics of Human Remains	
Thu	9/10	Chapter 9	Hyoid & Vertebrae	
Tue	9/15	Chapter 9; Chapter 14 (pg. 241-245)	Vertebrae	Bone Biology Quiz in class
Thu	9/17	Chapter 10	Sternum & Ribs	
Tue	9/22		Review	
Thu	9/24		Exam 1: Hyoid, Vertebrae, Sternum, & Ribs	Exam 1 in class Study Aid 1 due Study Aid 2 due
Tue	9/29	Chapter 7 (pg. 75-91)	Views of the skull; bones of the skull; frontal	
Thu	10/1	Chapter 7 (pg. 92-104)	Parietal; temporal; occipital	
Tue	10/6	Chapter 7 (pg. 104-109; 115-121)	Sphenoid; maxilla; palatine; zygomatic	
Thu	10/8	Chapter 7 (pg. 109-115; 122-126)	Nasal; inferior nasal concha; ethmoid; vomer; lacrimal; mandible	



Tue	10/13		Review	
Thu	10/15		Exam 2: The Skull	Exam 2 in class Study Aid 3 due
Tue	10/20	Chapter 13	Hands	Mid-Semester Check-In due
Thu	10/22	Chapter 11	Shoulder Girdle	
Tue	10/27	Chapter 12	Arms	
Thu	10/29		Review	
Tue	11/3		Exam 3 (Shoulder Girdle, Arms, & Hands)	Exam 3 in class Study Aid 4 due
Thu	11/5	Chapter 16	Feet	
Tue	11/10	Chapter 14 (pg. 246-253)	Os Coxae	
Thu	11/12	Chapter 15	Legs	
Tue	11/17		Review	
Thu	11/19		Exam 4 (Os Coxae, Legs, & Feet)	Exam 4 in class Study Aid 5 due
Tue	11/24	Chapter 8	Dentition	
Thu	11/26		No Class!	
Tue	12/1		Review	
Thu	12/3		Review	Study Aid 6 due
Tue	12/8		No Class!	
Thu	12/10		Exam 5 (Dentition & The Skeleton)	Exam 5 in class (final exam period)

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.