

# Bioarchaeology

(ANT 4930 / ANG 6930)

SPRING 2012

**Time:** Tuesdays 11:45-1:40 pm (Periods 5 & 6)  
Thursdays 12:50-1:40 pm (Period 6)  
**Place:** B304 Turlington Hall  
**Instructor:** John Krigbaum  
office: 1350A Turlington Hall  
hours: by appointment  
e-mail: krigbaum@ufl.edu  
tel: 392-2253 ext. 243

**Course Websites:** <http://lss.at.ufl.edu> (E-Learning)

## Course Overview

This course will review the subfield of bioarchaeology in considerable detail. Such a subject of study is indeed diverse, but concerns mainly the analysis of human remains in archaeological context. Basic biological anthropology principles should be already well established and each student should have a working knowledge of human osteology and archaeology. We will begin with the history of biological anthropology and frame the role of bioarchaeology within current lines of inquiry in anthropology, more generally. We will also explore the development of method and theory in bioarchaeology, using the rather dated Larsen book as one guide, but fetching articles from peer-reviewed journals as a supplement to update the Larsen text, and provide for a more rounded discussion of the field as it is practiced in the present day. This is a seminar course, and all readings assigned should be read prior to the class that they are scheduled. There will also be two explicit assignments and six weeks (\*) where article summaries are required (details to be discussed)

Course content (lectures, assigned reading, discussion, two assignments, article summaries) will be evaluated through two On-Line Exams, and a cumulative Final Exam (500 points total).

## Grading

- On Line Exams (N=2) 200 points (2 - 100 point mid-term exams)
- Final Exam (N=1) 100 points (cumulative final, May 4<sup>th</sup>, 7:30-9:30 am)
- Article summaries (N=6) 50 points (10 points each, one drop allowance)
- Class participation 50 points
- Final paper 100 (50 points for draft, 50 points for final submission)

percentile breakdown: 93.50-100 = A; 90-93.49 = A-; 86.5-89.99 = B+; 83.5-86.49 = B; 80-83.49 = B-; 76.5-79.99 = C+; 73.5-76.49 = C; 70-73.49 = C-; 66.5-69.99 = D+; 63.5-66.49 = D; 60-63.49 = D-; <59.99 = E.

*Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.*

**Required:**

Larsen, C.S. (1997) *Bioarchaeology: Interpreting Behavior from the Human Skeleton*.  
Cambridge: Cambridge University Press.

Mays, S. (2002) *The Archaeology of Human Bones*. London: Routledge. [E-Book]

**Recommended:**

Brothwell, D.R. (1981) *Digging up Bones*, 3<sup>rd</sup> edition. Ithaca, NY: Cornell University Press.

White, T.D. and Folkens, P.A. (1999/2011) *Human Osteology*, 2<sup>nd</sup> or 3<sup>rd</sup> editions. New York:  
Academic Press.

**Course Reserve (Smathers Library West):**

Misc. books and edited volumes.

**Course Outline:**

Week 1 (1/10,12)	Introduction to Bioarchaeology – (Larsen, Ch. 1, 10)
Week 2 (1/17,19)	Processual Days in Bioarchaeology
Week 3 (1/24,26)	Bioarchaeology in Action (Assignment #1)
Week 4 (1/31, 2/2)	The Skeleton
Week 5 (2/7, 9)	Demography
Week 6 (2/14, 16)	Stress (Larsen, Ch. 2)*
Week 7 (2/21, 23)	Infectious Disease (Larsen, Ch. 3)*
Week 8 (2/28, 3/1)	Trauma (Larsen, Ch. 4)* (Paper Drafts Due in class, 3/1)
Week 9	Spring Break
Week 10 (3/13, 15)	Habitual Activity (Larsen, Ch. 5 & 6)*
Week 11 (3/20, 22)	Isotopes and Elements (Larsen, Ch. 8)*
Week 12 (3/27, 29)	Biodistance (Larsen, Ch. 9)*
Week 13 (4/3, 5)	Identity and Migration (Assignment #2)
Week 14 (4/10) (12)	SAA Student Presentations (AAPA Meetings, Portland, OR)
Week 15 (4/17) (19)	Ethics (SAA, Meetings, Memphis, TN) (Larsen, Ch. 10)
Week 16 (4/24)	Review for Final Exam (Final Paper Due in class, 4/24)
Week 17 (5/4)	In Class Final Exam, 7:30-9:30 am

