

# **Bioarchaeology**

**(ANT 4930 / ANG 6930)**

**SPRING 2016**

**Time:** Mondays 9:35 -11:30 am (Periods 3 + 4)  
Wednesdays 9:35-10:25 am (Period 3)  
**Place:** B304 Turlington Hall  
**Instructor:** John Krigbaum, Ph.D.  
office: 1350A Turlington Hall  
hours: Mondays 2-4, Tuesdays 9-11, + by appointment  
e-mail: krigbaum@ufl.edu  
tel: 352-294-7540

**Course Websites:** <http://elearning.ufl.edu/> (Canvas)

## **Course Overview**

This seminar 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/or 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 Larsen's newly revised text and the Martin *et al.* text to guide use, but fetching articles from peer-reviewed journals weekly as a supplement to flesh key topics and provide for a more rounded discussion.

This is a seminar course, and all readings assigned should be read prior to the class that they are scheduled. There will be two In Class Exams and graduate students will group leaders to facilitate group discussion each week and coordinate papers to be read.

## **Grading**

- In Class Exams 200 points
- Article briefs 100 points (2 per week, on average)
- Class participation 100 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.

## **Policy on Makeup Exams and Late Work**

There will be no makeup exams except in the case of incapacitating illness or other university-approved absence (please see the University's policy on absences). In such cases, you must provide documentation from an appropriate authority to the instructor as soon as possible. The Teaching Assistant (TA) may not give permission for make-up exams. As you are given the opportunity to drop one discussion essay grade, no late submission of work will be accepted. All

essays must be turned in at the beginning of class on the date they are due. No essays turned in via email will be accepted except in the case of incapacitating illness or other university-approved absence (please see the University's policy on absences). In such cases, you must provide documentation from an appropriate authority to the instructor as soon as possible. The Teaching Assistant (TA) may not give permission to turn in assignments via email.

### **Academic Honor Code**

Unless it is specifically connected to assigned collaborative work, all work should be individual. Evidence of collusion (working with someone not connected to the class or assignment), plagiarism (use of someone else's published or unpublished words or design without acknowledgment) or multiple submissions (submitting the same paper in different courses) will lead to the Department's and the University's procedures for dealing with academic dishonesty. All students are expected to honor their commitment to the university's Honor Code (available online at <http://www.registrar.ufl.edu/catalog/policies/students.html>).

### **Accommodation for Students with Disabilities**

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. Please make any requests by the second week of class.

### **UF Counseling Services**

Resources are available on-campus for students having personal problems or lacking clear career and academic goals that interfere with their academic performance. These resources include:

- U Matter, We Care: <http://www.umatter.ufl.edu/>
- Counseling and Wellness Center, 3190 Radio Road, (352) 392-1575, M-F 8am-5pm.
- Medical Care, Student Health Care Center, (352) 392-1161, M-F 8am-5pm.
- Career Resource Center, Reitz Union, (352) 392-1601, M-F 8am-5pm.

### **Syllabus Policy**

This syllabus is a guide for the course and is subject to change with advanced notice. It will be updated and additional information will be posted on Canvas.

### **Required Texts:**

Larsen, C.S. (2015) *Bioarchaeology: Interpreting Behavior from the Human Skeleton*, 2<sup>nd</sup> edition. Cambridge: Cambridge University Press. Hard-copy Required [E-Book]

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

Martin, D.L., R.P. Harrod and V.R. Pérez (2013) *Bioarchaeology: An Integrated Approach to Working With Human Remains*. New York: Springer. [E-Book] downloadable pdf

### **Recommended Text:**

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

## Course Reserve (Smathers Library West):

Miscellaneous books and edited volumes will be placed on course reserve ...

## Course Outline:

Week 1 (1/6)	Introduction (Larsen, Ch. 1; Martin <i>et al.</i> Ch. 1)
Week 2 (1/11, 13)	Ethics and Bias in Bioarchaeology (Larsen, Ch. 11; Martin <i>et al.</i> Ch. 2)
Week 3 (1/20)	+ MLK Jr. DAY + The Skeleton (Larsen, Ch. 2; Martin <i>et al.</i> Ch. 3, 4)
Week 4 (1/25, 27)	Stress (Martin <i>et al.</i> Ch. 6, 7)
Week 5 (2/1, 3)	Infectious Disease (Larsen, Ch. 3)
Week 6 (2/8, 10)	Trauma (Larsen, Ch. 4; Martin <i>et al.</i> Ch. 5, 6)
Week 7 (2/15, 17)	Activity Patterns: 1. (Larsen Ch. 5)
Week 8 (2/22, 24*)	continued ... (*In Class Exam I -- Wednesday 2/24)
Week 9	+ Spring Break +
Week 10 (3/7, 9)	Activity Patterns II (Larsen, Ch. 6; Martin <i>et al.</i> Ch. 8)
Week 11 (3/14, 16)	Masticatory and Nonmasticatory Functions (Larsen, Ch. 7)
Week 12 (3/21, 23)	Bone Chemistry (Larsen, Ch. 8; Martin <i>et al.</i> Ch. 9)
Week 13 (3/28, 30)	Biodistance (Larsen, Ch. 9) <u>Draft Paper Due In Class</u> -- Wednesday 3/30
Week 14 (4/4, 6)	Paleodemography (Larsen, Ch. 10)
Week 15 (4/11, 13)	Osteological Paradox, Take 2 (Larsen, Ch. 11; Martin <i>et al.</i> Ch. 10)
Week 16 (4/18, 20*)	Conclusions ... (*In Class Exam II -- Wednesday 4/20)
Week 17	<u>Final Paper Due in Anthropology Office</u> (and on Canvas) – Monday 4/25

