
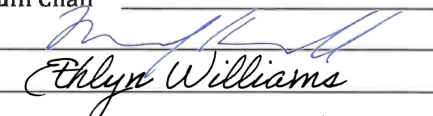
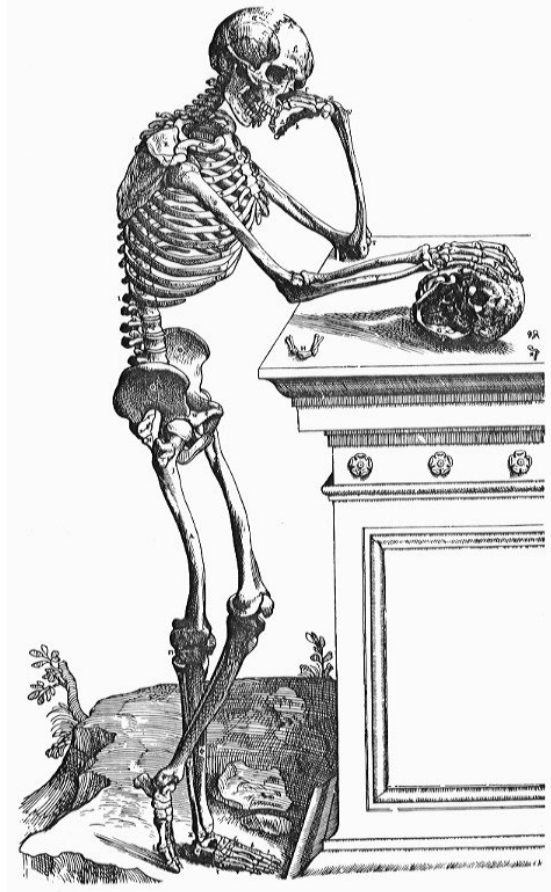
 FLORIDA ATLANTIC UNIVERSITY	COURSE CHANGE REQUEST Undergraduate Programs	UUPC Approval <u>12/5/22</u> UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	Department Anthropology College Arts and Letters	
Current Course Prefix and Number ANT 4192	Current Course Title Research Methods in Bioarchaeology	
<i>Syllabus must be attached for ANY changes to current course details. See <u>Template</u>. Please consult and list departments that may be affected by the changes; attach documentation.</i>		
Change title to: Change prefix From: To: Change course number From: To: Change credits* From: To: Change grading From: To: Change WAC/Gordon Rule status** Add <input type="checkbox"/> Remove <input type="checkbox"/> Change General Education Requirements*** Add <input type="checkbox"/> Remove <input type="checkbox"/> <small>*See Definition of a Credit Hour. **WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to this form. See <u>WAC Guidelines</u>. ***GE criteria must be indicated in syllabus and approval attached to this form. See <u>Intellectual Foundations Guidelines</u>.</small>	Change description to: Change prerequisites/minimum grades to: Change prerequisites to one of the following: ANT 2511 Introduction to Biological Anthropology, ANT 3516 Human Variation, ANT 3586 Human Evolution, ANT 4520 Forensic Ant, or by permission of instructor Change corequisites to: Change registration controls to: Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade (default is D-).	
Effective Term/Year for Changes: Fall 2023	Terminate course? Effective Term/Year for Termination:	
Faculty Contact/Email/Phone Meredith Ellis/ellism@fau.edu / x4768		
Approved by Department Chair <u></u> College Curriculum Chair _____ College Dean <u></u> UUPC Chair <u>Elynn Williams</u> Undergraduate Studies Dean <u>Dan Meeroff</u> UFS President _____ Provost _____	Date <u>11/8/22</u> _____ 11.18.22 <u>11/21/2022</u> _____ <u>12/5/22</u> _____ <u>12/5/22</u> _____ _____ _____	

Email this form and syllabus to mjennning@fau.edu seven business days before the UUPC meeting.

ANT 4192
Research Methods in Bioarchaeology
3 Credit Hours at Florida Atlantic University
CRN 12172



Fall 2022
Tuesdays and Thursdays 8:00-9:20
SO 190

Dr. Meredith A.B. Ellis

Office: SO 185

Office Hours: Tues/Thurs 1:30-3pm or by appointment in person and Zoom (by appointment) available

E-mail: ellism@fau.edu

Phone : 561-297-4768 (please contact me by email if possible)

Course Description

Training in the research methodology of biological anthropology and archaeology. Application to an original research project and the presentation of a written research report.

Prerequisite

Any one of the following courses at FAU: ANT 2511 Introduction to Biological Anthropology, ANT 3516 Human Variation, ANT 3586 Human Evolution, or ANT 4520 Forensic Anthropology, or permission of the instructor.

Required Text

2012 White, Tim D., Michael T. Black, and Pieter A. Folkens. *Human Osteology*, 3rd Edition. Burlington, MA: Elsevier Academic Press. (W)

******Additional readings will be posted to Canvas during the semester (C)******

Additional Optional Resources

Please refer to the Canvas page labeled “Resources” for more books and other items you may wish to use this semester. None are required, but some are highly recommended.

Course Objectives

After completing this course, students should expect to

- A) be able to identify and side whole and fragmentary bone
- B) have a working knowledge of the methodology used to create a biological profile
- C) have developed a research thesis question
- D) have completed a methods section of a research proposal

Course Requirements and Expectations

1) Attendance

This is a hands-on course. Students are expected to be present at all sessions in order to be successful. Because of the nature of the exams for this course, make up exams are simply not possible. Additionally, late work is not accepted. Please plan accordingly.

HOWEVER, these are COVID times. If you are sick, stay home. We will figure it out together should we have to do so!!

The official University policy is as follows:

Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives as outlined by the instructor. The effect of absences upon grades is determined by the instructor, and the University reserves the right to deal at any time with individual cases of non-attendance. Students are responsible for arranging to make up work missed because of legitimate class absence, such as illness, family emergencies, military obligation, court-imposed legal obligations or participation in University-approved activities.

Examples of University-approved reasons for absences include participating on an athletic or scholastic team, musical and theatrical performances and debate activities. It is the student's responsibility to give the instructor notice prior to any anticipated absences and within a reasonable amount of time after an unanticipated absence, ordinarily by the next scheduled class meeting. Instructors must allow each student who is absent for a University-approved reason the opportunity to make up work missed without any reduction in the student's final course grade as a direct result of such absence.

2) Laboratory Materials

In this class, you will be required to handle human skeletal remains and casts. Proper handling of these elements is expected and disrespect of them will not be tolerated. Skeletal material is never to leave classroom. **Food and drinks (other than water in a covered container) are not allowed in class. Photography and use of smart phones, tablets, computers, or electronic devices are not allowed. Any violation of these rules will result in dismissal from the classroom.**

3) Quizzes and Assignments

There will be four quizzes that test your ability to identify bone, side, and feature/morphology in fragmentary human remains. Each quiz will involve a series of timed stations where you will have two minutes to make your identifications. **There will be NO opportunity for make-up quizzes. Please plan accordingly. Once the door closes for an exam, no one may enter.**

There will also be three lab activities that will be assigned during the semester that will give you an opportunity to try out some of the techniques for developing a biological profile.

4) Final Examination

The final examination for this class is two-part: first, there is a timed practical exam similar to the timed quizzes. This will be cumulative, drawing from all elements covered in the semester.

5) Research Paper

For this course, you will be required to do a literature review style research paper OR original research methods paper. This will be discussed midway through the semester, with topic and outline deadlines during the semester.

Evaluation

Quiz 1:	10%
Quiz 2:	10%
Quiz 3:	10%
Quiz 4:	10%
Research Paper:	20%
Final Exam:	20%
Lab activities, Homework, and Attendance:	20%
A	94-100
A-	90-93
B+	87-89
B	84-86
B-	80-83

C+	77-79
C	74-76
C-	70-73
D	65-69
F	0-64

Counseling and Psychological Services (CAPS) Center

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services – individual counseling, support meetings, and psychiatric services, to name a few – offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

Disability Policy

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS) and follow all SAS procedures. SAS has offices across three of FAU's campuses – Boca Raton, Davie and Jupiter – however disability services are available for students on all campuses. For more information, please visit the SAS website at www.fau.edu/sas/.

Code of Academic Integrity

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001.

A word from our University on sensitive issues....

“One of the objectives of this course is to facilitate critical thinking and debate around topics, theories, and concepts where disagreement is not only anticipated, but encouraged. The ability to think critically, express your ideas clearly, and respond to the professor and other students civilly are the keystones of the academic experience. In this course, the professor will provide instruction in an objective manner and will remain open to a wide variety of viewpoints, so long as those viewpoints are evidence-based and presented in a respectful way. During class, the professor may take positions and make statements for the sole purpose of accomplishing an academic objective or enhancing the learning environment. Additionally, the adoption of class materials for this course does not imply an endorsement of the full content of those materials or the positions of the authors of those materials. Often the professor will provide materials as a point of departure for critical thinking and debate. Students should keep in mind that the ideas presented or discussed during class may not necessarily reflect the professor's personal beliefs or opinions on the subject matter.”

*****A FINAL NOTE: COVID*****

While all of the above policies apply this semester, I also recognize that we are living in a time when we ALL need to be flexible. To that end, if you are sick, stay home. Everything can be worked out after you have recovered. In addition, while bioarchaeology typically requires the sensation of touch, I am going to provide gloves this semester during the hands-one portions of the course for those who might want them.

Course Schedule

Tues 8/23	Course Introduction and Ethics W Ch 1
Thurs 8/25	Anatomical Terminology and Bone Biology W Ch 2 and 3
Tues 8/30	The Calvarium W Ch 4.1-4.11 HW 1 Due (BONE BIOLOGY)
Thurs 9/1	The Face W Ch 4.11-4.22
Tues 9/6	The Teeth W Ch 5
Thurs 9/8	Open Lab W 18.3.3, 18.4.1
Tues 9/13 Thurs 9/15	Quiz 1 The Hyoid and Vertebrae W Ch 6 HW 2 Due (ALL HAIL THE HYOID)
Tues 9/20	The Sternum and Ribs W Ch 7 and 18.3.9
Thurs 9/22	Open Lab
Tues 9/27 Thurs 9/29	Quiz 2 The Clavicle and Scapula W Ch 8
Tues 10/04	The Humerus W Ch 9.1-9.1.6

Thurs 10/06	The Radius, the Ulna W Ch 9.2-9.4
Tues 10/11	The Hands W Ch 10
Thurs 10/13	Open lab
Tues 10/18	Quiz 3
Thurs 10/20	The Pelvis W Ch 11
Tues 10/25	The Femur and Patella W Ch 12.1-12.2.6
Thurs 10/27	The Tibia, Fibula W Ch 12.3-12.5
Tues 11/01	The Feet W Ch13
Thurs 11/03	Open Lab
Tues 11/08	Quiz 4
Thurs 11/10	Age White 18.3 Uhl 2013 (Canvas) Sofaer 2011 (Canvas)
Tues 11/15	Sex White 18.4 Sofaer 2006 (Canvas) Research Paper Topic and Preliminary Bibliography Due
Thurs 11/17	Ancestry White 18.6 Smay and Armelagos 2000 (Canvas) Bethard and DiGangi 2020 (link) https://onlinelibrary.wiley.com/doi/full/10.1111/1556-4029.14513 DiGangi and Bethard 2021 (Canvas)
Tues 11/22	Pathology White 19 Roberts and Manchester 2007 (Canvas)
Thurs 11/25	THANKSGIVING BREAK
Tues 11/30	Subadults Lewis 2006 (CANVAS) TBA

Thurs 12/2

Open Lab

Tues 12/13

FINAL EXAM 7:45-10:15am

*******FINAL PAPER DUE THURSDAY DEC 13TH AT OUR EXAM*******

Research Methods in Bioarchaeology (ANT 4192) 3 credits

Prerequisite: ~~ANT 4141, ANT 4514~~ 2511, 3516, 3586, or 4520, or permission of instructor

Training in the research methodology of biological anthropology and archaeology. Application to an original research project and the presentation of a written research report.

Current course catalogue language has prerequisites that are unrelated to the course material as now taught, and list at least one course that is not regularly offered. These updated prerequisites reflect current course offerings and sequences and will allow for an easier registration process.