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| <br><b>FLORIDA ATLANTIC UNIVERSITY</b>   | <b>NEW COURSE PROPOSAL</b><br><b>Graduate Programs</b>   |   | UGPC Approval _____<br>UFS Approval _____<br>SCNS Submittal _____<br>Confirmed _____<br>Banner Posted _____<br>Catalog _____ |
|   | <b>Department</b> Anthropology<br><br><b>College</b> Arts and Letters<br><i>(To obtain a course number, contact erudolph@fau.edu)</i>      |   |  |
| <b>Prefix</b> ANG<br><br><b>Number</b> 6536   | <i>(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)</i><br><b>Lab Code</b>   | <b>Type of Course</b><br><input type="text" value="Lecture"/>   | <b>Course Title</b><br>Research Methods in Bioarchaeology  |
| <b>Credits</b> <i>(Review Provost Memorandum)</i><br>3<br><br><b>Effective Date</b> <i>(TERM &amp; YEAR)</i><br>Fall 2020   | <b>Grading</b> <i>(Select One Option)</i><br><br><b>Regular</b> <input checked="" type="radio"/><br><b>Sat/UnSat</b> <input type="radio"/> | <b>Course Description</b> <i>(Syllabus must be attached; see Guidelines)</i><br>Training in the research methodology of biological anthropology and archaeology. Application to an original research project and the presentation of a written research report. |  |
| <b>Prerequisites</b>  |  | <b>Corequisites</b>   | <b>Registration Controls</b> <i>(Major, College, Level)</i><br>Graduate student standing                                     |
| <i>Prerequisites, Corequisites and Registration Controls are enforced for all sections of course</i>  |  |   |  |
| <b>Minimum qualifications needed to teach course:</b><br>Member of the FAU graduate faculty and has a terminal degree in the subject area (or a closely related field.) |  | <b>List textbook information in syllabus or here</b><br>See syllabus  |  |
| <b>Faculty Contact/Email/Phone</b><br>Michael Harris/mharris/73233  |  | <b>List/Attach comments from departments affected by new course</b><br>NA   |  |

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| <b>Approved by</b><br>Department Chair <u>Michael S. Harris</u><br>College Curriculum Chair _____<br>College Dean _____<br>UGPC Chair _____<br>UGC Chair _____<br>Graduate College Dean _____<br>UFS President _____<br>Provost _____ | <small>Digitally signed by Michael S. Harris<br/>         DN: cn=Michael S. Harris, o=FAU, ou=Anthropology,<br/>         email=mharris@fau.edu, c=US<br/>         Date: 2019.06.04 14:02:17 -0400</small> | <b>Date</b><br>7/9/19<br>7/9/19<br>7/9/19<br>8/14/19<br>8/14/19<br>8-14-19 |
|---|---|--|

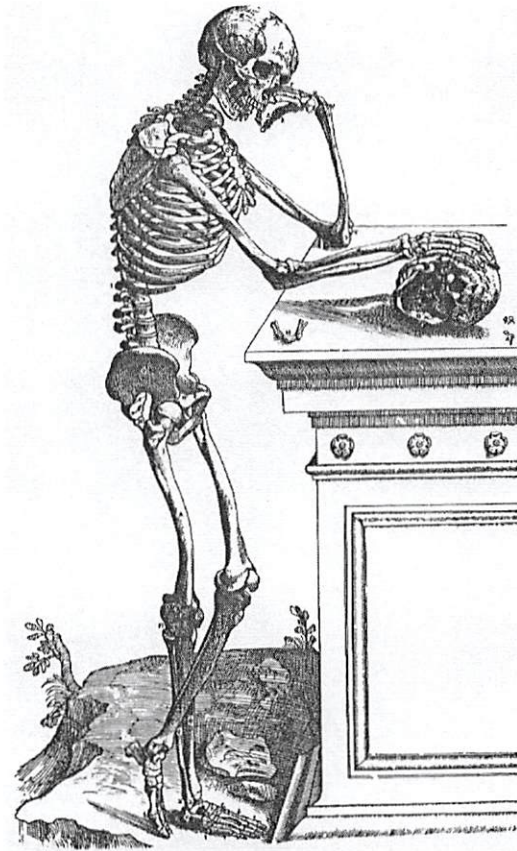
Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) one week before the UGPC meeting.

GRADUATE COLLEGE

JUL 09 2019

Received

**ANG 6536 CRN XXXXX**  
**Research Methods in Bioarchaeology**  
**3 Credit Hours at Florida Atlantic University**



**Fall 2019**  
**Tuesdays and Thursdays 9:30-10:50**  
**SO 190**

Dr. Meredith A.B. Ellis  
Office: SO 185  
Office Hours: Tues/Thurs 1:30-3pm or by appointment  
E-mail: [ellism@fau.edu](mailto:ellism@fau.edu)  
Phone : 561-297-4768 (please contact me by email if possible)

GRADUATE COLLEGE

**JUL 09 2019**

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## 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.

## Required Texts

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

2013 DiGangi, Elizabeth A. and Megan K. Moore. *Research Methods in Human Skeletal Biology*. Waltham, MA: Elsevier. (DG)

2006 Sofaer, Joanna. *The Body as Material Culture: A Theoretical Osteoarchaeology*. Cambridge: Cambridge University Press. (S)

\*\*\*\*\**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. I will take regular attendance; failure to be present in class will be calculated into your final grade. **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.**

The official University policy is as follows:

*Students are expected to attend all of their scheduled University classes and to satisfy all academic objectives for this course. 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 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) Methods Paper: For this course, you will be required to design the methods section of your thesis proposal. This will include identifying and developing a research question, and then researching the methods for that question and writing it up. More details will be given during the semester

## Evaluation

|   |     |
|---|-----|
| Quiz 1:                                   | 10% |
| Quiz 2:                                   | 10% |
| Quiz 3:                                   | 10% |
| Quiz 4:                                   | 10% |
| Methods 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   |

### **Disability Policy**

In compliance with the Americans with Disabilities Act (ADA), students who require special accommodation 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.

### **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/>

### **Code of Academic Integrity Policy Statement**

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.

## Course Schedule

|            |   |
|------------|---|
| Tues 8/20  | Course Introduction and Ethics<br>W Ch 1<br>S Preface and Ch 1  |
| Thurs 8/22 | Anatomical Terminology and Bone Biology<br>W Ch 2 and 3<br>S Ch 2   |
| Tues 8/27  | The Calvarium<br>W Ch 4.1-4.11<br>S Ch 3<br><b>HW 1 Due (BONE BIOLOGY)</b>                                      |
| Thurs 8/29 | The Face<br>W Ch 4.11-4.22<br>S Ch 4  |
| Tues 9/3   | The Teeth<br>W Ch 5<br>DG Ch 1  |
| Thurs 9/5  | Open Lab<br>DG Ch 2   |
| Tues 9/10  | Age and Sex from the Skull<br><b>LAB 2 (in class-due in class as well)</b><br>W 18.3.3, 18.4.1<br>DG Ch 3 and 4 |
| Thurs 9/12 | <b>Quiz 1 (LAB 1 DUE)</b>   |
| Tues 9/17  | The Hyoid and Vertebrae<br>W Ch 6<br>DG Ch 5 and 6<br><b>HW 2 Due (ALL HAIL THE HYOID)</b>                      |
| Thurs 9/19 | The Sternum and Ribs  |

|                   |   |
|-------------------|---|
|                   | <b>W Ch 7 and 18.3.9</b><br><b>DG Ch 7 and 8</b>  |
| Tues 9/24         | <b>Subadult Bone and Age</b><br><b>W Ch 18.3.9</b><br><b>DG Ch 8 and 9</b>  |
| Thurs 9/26        | <b>Open Lab</b><br><b>DG Ch 10 and 11</b>   |
| <b>Tues 10/01</b> | <b>Quiz 2</b>   |
| Thurs 10/03       | <b>The Clavicle and Scapula</b><br><b>W Ch 8</b><br><b>S Ch 5</b>   |
| Tues 10/8         | <b>The Humerus</b><br><b>W Ch 9.1-9.1.6</b><br><b>S Ch 6</b>  |
| Thurs 10/10       | <b>The Radius, the Ulna</b><br><b>W Ch 9.2-9.4</b>  |
| Tues 10/15        | <b>The Hands, Subadult Bone, Age, and Sex</b><br><b>Lab 3.1 in class (not due)</b><br><b>W Ch 10, Ch 18.3.4, 18.3.5, 18.4.4</b> |
| Thurs 10/17       | <b>Open lab</b><br><b>Research Question Due</b>   |
| <b>Tues 10/22</b> | <b>Quiz 3</b>   |
| Thurs 10/24       | <b>The Pelvis</b><br><b>W Ch 11</b>   |
| Tues 10/29        | <b>The Femur and Patella</b><br><b>W Ch 12.1-12.2.6</b>   |
| Thurs 10/31       | <b>The Tibia, Fibula</b>  |

W Ch 12.3-12.5

Tues 11/5            The Feet, Subadult Bone, Age, and Sex  
**Lab 3.2 and 3.3 in class (not due)**  
W Ch13, Ch 18.3.4, 18.3.5, 18.3.6, 18.3.8, 18.4.4

Thurs 11/7            Open Lab  
**Research Outline and Annotated Bibliography Due**

**Tues 11/12            Quiz 4 (LAB 3 DUE)**

Thurs 11/14           Ancestry and Stature  
W Ch 18.5 and 18.6

Tues 11/19            Pathology and Trauma  
W Ch 19

**Thurs 11/21            Open lab for Final**

Tues 11/26            Open Lab for Final

**Thurs 12/5            FINAL EXAM 7:45-10:15am**

**\*\*\*\*\*METHODS PAPER DUE THURSDAY DEC 5<sup>TH</sup> AT OUR EXAM\*\*\*\*\***