Introduction to Biological Anthropology

Instructor:

James D. Pampush  
Turlington B307  
jpampush@ufl.edu  
Office Hours: Friday from: 1pm-3pm

Teaching Assistants:

Susan Lad  
Turlington B307  
slad@ufl.edu  
Office hours: Thursday from: 11am-1pm.

Kim Le  
Turlington B307  
kle15@ufl.edu  
Office hours: Friday from: 10:30am-12:30pm.

Deven Vyas  
Turlington B307  
devenvyas@ufl.edu  
Office hours: Thursday from: 3pm-5pm.

Course Meeting Time:

Lecture: Tuesday 8:30-9:20, Thursday 8:30-10:25, Little Hall 101

Sec 0299: Tuesday 10:40-11:30, Susan Lad, Turlington B304  
Sec 0300: Tuesday 11:45-12:35, Susan Lad, Turlington B304  
Sec 0301: Tuesday 12:50-1:40, Susan Lad, Turlington B304  
Sec 7354: Wednesday 10:40-11:30, Kim Le, Turlington B304  
Sec 0303: Wednesday 11:45-12:35, Kim Le, Turlington B304  
Sec 0304: Wednesday 12:50-1:40, Kim Le, Turlington B304  
Sec 6990: Wednesday 1:55-2:45, Deven Vyas, Turlington B304  
Sec 7352: Wednesday 3:00-3:50, Deven Vyas, Turlington B304  
Sec 7353: Wednesday 4:05-4:55, Deven Vyas, Turlington B304

FINAL EXAM: 7:30-9:30am Friday December 13th Little Hall 101
Course Objectives:
This course is designed to introduce students to the discipline of “Biological Anthropology.” Biological Anthropology (= “Physical Anthropology”) is focused on the study and understanding of the evolution and emergence of humanity, biology and its impact on our current condition, and the biology and evolution of our closest living relatives—the primates. At the end of this course successful students will have a working knowledge of evolutionary theory, primates and their diversity, modern human variation, and the fossil record of human ancestors.

Required Materials:
Introduction to Physical Anthropology, 14th Edition; Jurmain, Kilgore, Trevathan and Ciochon. Wadsworth Cengage Learning Publishing. This text is available at Orange and Blue Textbooks, 309 NW 13th St., 375-2707.

Grading:

<table>
<thead>
<tr>
<th>Grade Points to Letter Conversion Chart:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade Points</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td>500 total points</td>
</tr>
</tbody>
</table>

Exams: There will be 3 exams, These will be non-cumulative, and feature multiple choice, scantron questions. You will have the entire course period (8:30-10:25) to complete the exam. The exams are designed to test vocabulary, concepts, and associations relevant to biological anthropology.

Labs Reports: There will be 12 lab reports worth 10 points each featuring questions intended to guide students through hands-on activities in the biological anthropology lab. Some labs will contain additional work to be performed outside of class. Students are expected to print a copy of the lab off the E-learning in Sakai page and bring it to lab each week; failure to do so may result in missed lab points. Students will be required to complete the lab and return it to the TA one week after the lab activity.

Online Quizzes: There will be 5 online quizzes each worth 15 points. They will be multiple choice and fill in the blank. Quizzes will be available after Thursday’s lecture, and will remain open for 6 days. Upon beginning the Quiz you will have 50 minutes to complete it.

Pop Quizzes: There will be 6 unannounced quizzes worth 10 points each; they will be short answer regarding recently covered material. You drop the lowest grade.

Lab Practicals: There will be 2 lab practicals worth 15 points each. These are hands on exams focused on testing students identification skills. Students will move through the exams in timed rotations. These are taken during your lab periods as indicated in the schedule.
Additional Information:

I. Disability Statement:
The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. 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
0001 Reid Hall, 352-392-8565, www.dso.ufl.edu/drc/

II. Academic Misconduct:
“Academic misconduct” is defined as any activity which tends to compromise the academic integrity of the institution of learning, or to subvert the educational process in any way. Cheating, copying other’s work, plagiarism, and other acts of academic misconduct are unethical. UF and the instructor consider these to be serious offenses. All students are responsible for knowing what constitutes academic misconduct; ignorance is not a valid excuse. Alleged cases of academic misconduct will be referred to the proper university committees. There will be a zero tolerance policy in effect.

III. Absences:
Missing lecture will result in missed material and opportunities to synthesize concepts. These opportunities will not be offered again. Therefore every effort should be made to attend each lecture. In the event of an emergency, specifically: your Military Service is requested, someone in your immediate family dies or is seriously ill (ie, Spouse, Brother, Sister, Mother, Father, Son, Daughter, or Grandparent), serious personal injury or illness, official school related function (i.e. school sporting event) or attending to academic conferences you will be permitted to make up any missed points, should the appropriate documentation be provided. It is the student’s responsibility to contact the instructor and inform them of the emergency either before the class or within a 24-hour period following the missed class. You may e-mail the instructor or leave a message in the Department of Anthropology Office

IV. Harassment and Discrimination:
“Harassment” is defined as conduct that (1) is of any type (written, oral, graphic, or physical) (2) is directed towards or against a person because of their personal status (i.e. race, religion, sex, sexual orientation, political affiliation, national origin, age, disability, marital status, pregnancy or others) and that (3) unreasonably interferes with the individual’s work, education, or participation in activities or programs at UF or creates a working or learning environment that a reasonable person would find threatening. “Discrimination” is defined as a conduct that (1) adversely affects any aspect of an individual’s employment, education, or participation in activities or programs at UF, and (2) is based on one or more personal characteristics listed above. Any student who feels their rights have been violated are asked to confront the offending party, should that not resolve the issue, or the student is uncomfortable with confronting the offending party they may file a complaint with UF Department of Human Resources.

V. Late Work:
No late work is accepted unless the student meets one of the approved excused absences and has the required documentation.

VI. Cell phones, computers and touch pads:
Use of cell phones, computers and touch pads will not be actively policed. However, students are asked to please be respectful their fellow students in the course, and also the instructor, who will not appreciate continued distractions.
<table>
<thead>
<tr>
<th>Week</th>
<th>Lecture</th>
<th>Readings pgs</th>
<th>Lab</th>
<th>Assessments</th>
</tr>
</thead>
</table>
| 1: 8.19-8.23 | T: NO LECTURE  
R: Science & Pre-Darwinian Biology | 3-33 | No Labs | |
| 2: 8.26-8.30 | T: Darwin and Natural Selection  
R: Heredity and the New Synthesis | 33-95 | Lab 1: Selection | Online Quiz 1 |
| 3: 9.2-9.6 | T: Non-Darwinian Forces  
R: Modern Evolutionary Theory | 95-105 | Lab 2: Heredity | |
| 4: 9.9-9.13 | T: Taxonomy and the Tree of Life  
R: Exam I | 107-122 | Lab 3: Forces | R: Exam I |
| 5: 9.16-9.20 | T: Human Osteology  
R: Primate Comparative Anatomy | 484-496, 135-146 | Lab 4: Osteology | Online Quiz 2 |
R: Primate Reproductive Strategies | 148-151 | Lab 5: Primate Anatomy | |
| 7: 9.30-10.4 | T: Monkeys I  
R: Monkeys II | 151-158 | Lab 6: Primate Behavior | |
| 8: 10.7-10.11 | T: Apes  
R: Prosimians | 158-173, 146-151 | Lab Practical I | Online Quiz 3 |
| 9: 10.14-10.18 | T: Geology and Fossils  
R: Primate Origins | 122-133, 217-229 | Lab 7: Primate Evolution | |
| 10: 10.21-10.25 | T: Basics of Primate Evolution  
R: Exam II | 229-253 | Lab 8: Hominins I | R: Exam II |
| 11: 10.28-11.1 | T: Bipedalism and Brains  
R: The first ‘Hominins’ | 255-288 | Lab 9: Hominins II | |
| 12: 11.4-11.8 | T: The Australopiths I  
R: The Australopiths II | 288-299 | Lab 10: Hominins III | Online Quiz 4 |
| 13: 11.11-11.15 | T: Early Homo and Tools  
R: Homo erectus | 299-329 | Lab 11: Homo sapiens | |
| 14: 11.18-11.22 | T: Pre-modern Humans  
R: The Neanderthals | 331-361 | Lab 12: Forensics | Online Quiz 5 |
| 15: 11.25-11.29 | T: Human Emergence  
R: NO LECTURE | 363-387 | No Labs | |
| 16: 12.2-12.6 | T: Modern Human Variation  
R: NO LECTURE | 389-439 | Lab Practical II | |
| 17: 12.9-12.13 | T: NO LECTURE  
F: Exam III | | No Labs | F: Exam III |
<table>
<thead>
<tr>
<th>Period</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 7:25-8:15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 8:30-9:20</td>
<td></td>
<td>JP Lecture Little 101</td>
<td></td>
<td>JP Lecture Little 101</td>
<td></td>
</tr>
<tr>
<td>3 9:35-10:25</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 10:40-11:30</td>
<td>SL Lab 0299 Turlington B304</td>
<td>KL Lab 7354 Turlington B304</td>
<td>Weekly TA Meeting Turlington B304</td>
<td>KL Office Hours Turlington B307</td>
<td></td>
</tr>
<tr>
<td>5 11:45-12:35</td>
<td>SL Lab 0300 Turlington B304</td>
<td>KL Lab 0303 Turlington B304</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 12:50-1:40</td>
<td>SL Lab 0301 Turlington B304</td>
<td>KL Lab 0304 Turlington B304</td>
<td></td>
<td>JD Office Hours Turlington B307</td>
<td></td>
</tr>
<tr>
<td>7 1:55-2:45</td>
<td>SL Office Hours Turlington B307</td>
<td></td>
<td>DV Lab 6990 Turlington B304</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 3:00-3:50</td>
<td></td>
<td></td>
<td>DV Lab 7352 Turlington B304</td>
<td>DV Office Hours Turlington B307</td>
<td></td>
</tr>
<tr>
<td>9 4:05-4:55</td>
<td></td>
<td></td>
<td>DV Lab 7353 Turlington B304</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 5:10-6:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

JP = James Pampush; SL= Susan Lad; KL= Kim Le; DV= Deven Vyas