

# Introduction to Biological Anthropology (ANT3514C)

## Syllabus – Spring 2015

**Lectures:** Tuesday 7<sup>th</sup> period and Thursday 7-8<sup>th</sup> period in LIT 101

**Laboratories:** Tuesday 3<sup>rd</sup> (0319) or 4<sup>th</sup> (0322) period  
Wednesday 4<sup>th</sup> (0316), 5<sup>th</sup> (3790), 6<sup>th</sup> (6269), or 7<sup>th</sup> (0327) period  
Thursday 3<sup>rd</sup> (3929), 4<sup>th</sup> (3800), or 5<sup>th</sup> (0328) period  
**Labs held in in TUR B304**

**Instructor:** Dr. Valerie Burke DeLeon  
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**Email:** [vdeleon@ufl.edu](mailto:vdeleon@ufl.edu)

**Office hours:** Turlington B374; Wednesdays 2-4pm and by appointment

**Teaching Assistants (office hours held in TUR B307):**

Susan Lad ([slad@ufl.edu](mailto:slad@ufl.edu))  
(sections 0319, 0322, 3929; office hours: Wed 9<sup>th</sup>-10<sup>th</sup>, Thur 6<sup>th</sup> period)  
Peter Rej ([peterrej@ufl.edu](mailto:peterrej@ufl.edu))  
(sections 0327, 3709, 6269; office hours: Tues 8<sup>th</sup>-9<sup>th</sup>, Wed 8<sup>th</sup> period)  
Laura Van Voorhis ([l.vanvoorhis@ufl.edu](mailto:l.vanvoorhis@ufl.edu))  
(sections 0316, 0328, 3800; office hours: Tues 5<sup>th</sup>-6<sup>th</sup>, Wed 3<sup>rd</sup> period)

**Course Description:** Anthropology is the holistic study of the human condition. Biological anthropology is a subfield of the larger discipline that studies humankind as a zoological species. As biological anthropology is firmly rooted in evolutionary theory, the evolutionary biology of humans is the central focus of the course. Basic concepts of genetics, geology, paleontology, comparative anatomy, primate biology and material culture provide the foundation for understanding humanity's place in nature. ANT 3514 is a four credit course, which satisfies the biological science and laboratory requirements for General Education, and satisfies partially the general distribution requirement for Liberal Arts and Sciences. This course is required of all Anthropology majors.

**Course Materials:**

Required text: Jurmain R, Kilgore L, Trevathan W, Ciochon RL, Introduction to Physical Anthropology, 4th edition (2013-2014 edition), Cengage Learning.

Website: This course is administered through e-learning in Canvas (<http://ufl.instructure.com>). The syllabus, lab worksheets, supplemental materials, quizzes and your grades are all accessed here.

**Communication:** Email is the best way to reach Dr. DeLeon ([vdeleon@ufl.edu](mailto:vdeleon@ufl.edu)). Please use "Introduction to Biological Anthropology" in the subject line. You are encouraged to contact Dr. DeLeon and/or the teaching assistants with any questions or concerns about the course. Students experiencing personal

problems that are interfering with their academic performance are encouraged to contact the University Counseling Center (301 Peabody Hall, 392-1575), Student Mental Health (Student Health Care Center, 392-1171), or Sexual Assault Recovery Services (Student Health Care Center, 392-1161).

**Grading:** Grades are based on three (3) in-class exams (60%), five (5) online quizzes (10%), and laboratory performance (30%).

<b>300 pts</b>	Exams (3)	Grade Points to Letter Conversion Chart:					
<b>50 pts</b>	Online Quizzes (5)	A	500-465	B-	414.5-400	D+	349.5-335
<b>110 pts</b>	Lab Reports (11)	A-	464.9-450	C+	399.5-385	D	334.5-315
<b>40 pts</b>	Lab Practicals (2)	B+	449.9-435	C	384.5-365	D-	314.5-300
<b>500 pts</b>	Total Points	B	434.9-415	C-	364.5-350	E	299.5-0.0

**Exams** are non-cumulative, objective exams administered in lecture and designed to test vocabulary, concepts, and associations relevant to biological anthropology. **Online quizzes** are available in Canvas after Thursday's lecture and will remain available until the start of the following Tuesday lecture. Upon beginning a quiz, you will have 50 minutes to complete it. **Lab reports** feature 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 from the Canvas site 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. **Lab practicals** are hands-on exams focused on testing your identification skills. Students will move through the exams in timed rotations. These are taken during your lab periods as indicated in the schedule.

There are no opportunities for making up missed assignments or exams except for reasons of medical or family emergency (documentation is required). Such work missed may be made up by arrangement with the TA for your section. Exams may not be retaken.

**Attendance:** Attendance in laboratory sections is mandatory and you must attend the section for which you are registered to receive credit. Neither the instructor nor teaching assistants will distribute lecture notes outside of class. Video recording of lectures in any form is not permitted; audio recording is allowed with permission of the instructor.

**University Policy on Accommodating Students with Disabilities:** Students requesting accommodation for disabilities must first register with the Dean of Students Office (<http://www.dso.ufl.edu/drc/>). The Dean of Students Office will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. You must submit this documentation prior to submitting assignments or taking the quizzes or exams. Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

**University Policy on Academic Misconduct:** Academic honesty and integrity are fundamental values of the University community. Students should be sure that they understand the UF Student Honor Code at <http://www.dso.ufl.edu/students.php>.

**Course Schedule:**

Date		Lecture	Readings	Lab	Assessment
January	6	What is biological anthropology?	3-18	No Labs	<a href="#">Online Quiz 1</a>
	8	The scientific method	19-33		
	13	Darwin and natural selection	33-47	Lab 1:	
	15	Genetics	49-75	Classification	
	20	Heredity	77-93	Lab 2:	<a href="#">Online Quiz 2</a>
	22	Microevolution	94-105	Heredity	
	27	The tree of life	107-133	Lab 3:	
	29	The human body	484-494	Forces	
February	3	<b>EXAM 1</b>	none	Lab 4:	<b>EXAM 1</b>
	5	Comparative primate anatomy	135-146	Osteology	
	10	Primate diversity	146-151	Lab 5: Primate	<a href="#">Online Quiz 3</a>
	12	Anthropoids	151-173	Anatomy	
	17	Primate behavior	175-193	Lab 6: Primate	
	19	Communication and culture	194-215	Behavior	
	24	Primate origins	217-229	<b>Lab Practical 1</b>	
	26	Early anthropoids	229-253		
March	3	SPRING BREAK	none	No Labs	
	5	SPRING BREAK	none		
	10	Paleoanthropology	255-275	Lab 7: Primate	
	12	Australopithecines	277-299	Evolution	
	17	<b>EXAM 2</b>	none	Lab 8:	<b>EXAM 2</b>
	19	Early <i>Homo</i>	299-315	Hominins 1	
	24	<i>Homo erectus</i>	315-329	Lab 9:	<a href="#">Online Quiz 4</a>
	26	Archaic <i>Homo</i> and Neanderthals	331-361	Hominins 2	
April	31	Modern <i>Homo</i>	363-387	Lab 10:	
	2	Modern human variation	389-402	Hominins 3	
	7	Forensic anthropology	433-439	Lab 11:	<a href="#">Online Quiz 5</a>
	9	Human biology	407-433	Forensics	
	14	Life history	441-465	<b>Lab Practical 2</b>	
	16	What is biological anthropology (reprise)?	none		
	21	<b>EXAM 3</b>	none	No Labs	<b>EXAM 3</b>
		Spring classes end Wednesday, April 22			