

# Introduction to Biological Anthropology (ANT3514C)

## Syllabus – Spring 2018

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

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

**Instructor:** Dr. Valerie Burke DeLeon  
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352-294-7602

**Email:** [vdeleon@ufl.edu](mailto:vdeleon@ufl.edu)

**Office hours:** Turlington B374; Hours TBD and by appointment

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

Molly Selba (molyselba@ufl.edu)  
(Tuesday sections 0319 and 0322; Thursday section 6269;  
office hours Tuesday 12:50-1:40, Thursday 10:40-11:30 and 12:50-1:40)  
Kylie Williamson (kyle.williamson@ufl.edu)  
(Tuesday section 0316; Wednesday sections 0327 and 0328;  
office hours Monday 2:00-4:00, Wednesday 9:30-10:30)

**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 3514C 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.

*Socrative:* We will use an audience participation program to go over review questions in class. You can access the FREE student version on a browser (socrative.com) or by downloading the app (Socrative Student). Our classroom code is JGR0FKKB. There is one practice question posted to try it out in advance.

*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 lab 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. Late online quizzes will be accepted on request for reduced credit.

**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 laboratory notes outside of class. Attendance in lectures is recommended. Video recording of lectures in any form is not permitted; audio recording is allowed only with specific 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	9	What is biological anthropology?	3-18	No Labs	Online Quiz 1	
	11	The scientific method	19-33			
	16	Darwin and natural selection	33-47	Lab 1: Classification		
	18	Genetics	49-75			
	23	Heredity	77-93			
February	25	Microevolution	94-105	Lab 2: Heredity	Online Quiz 2	
	30	The tree of life	107-133	Lab 3: Osteology		
	1	The human body	484-494			
	6	Comparative primate anatomy	none	Lab 4: Primate Anatomy		
	8	Primate diversity *	135-146			
	13	<b>EXAM 1</b>	146-151	Lab 5: Primate Diversity	<b>EXAM 1</b>	
	15	Anthropoids	151-173			
	20	Primate behavior *	175-193	Lab 6: Primate Function	Online Quiz 3	
	22	Communication and culture *	194-215			
	March	27	Primate origins	217-229	<b>Lab Practical 1</b>	
1		Early anthropoids	229-253			
6		SPRING BREAK	none	No Labs		
8		SPRING BREAK	none			
13		Paleoanthropology	255-275	Lab 7: Primate Evolution		
15		Australopithecines	277-299			
20		<b>EXAM 2</b>	none	Lab 8: Australopiths	<b>EXAM 2</b>	
22		Early <i>Homo</i>	299-315			
April		27	<i>Homo erectus</i>	315-329	Lab 9: Genus <i>Homo</i>	Online Quiz 4
		29	Archaic <i>Homo</i> and Neanderthals	331-361		
	3	Modern <i>Homo</i>	363-387	Lab 10: Recent <i>Homo</i>		
	5	Modern human variation	389-402			
	10	Forensic anthropology	433-439	Lab 11: Human variation	Online Quiz 5	
	12	Human biology *	407-433			
	17	Life history	441-465	<b>Lab Practical 2</b>		
	19	What is biological anthropology (reprise)?	none			
24	<b>EXAM 3</b> *	none	No Labs	<b>EXAM 3</b>		
	Spring classes end Wednesday, April 25					

\* guest lectures