

# 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 (kylie.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, 15th edition (2017), Cengage Learning.

*Note:* The 2013-2014 edition is very similar and would be acceptable.

*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?	3-19	No Labs	Online Quiz 1
	11	The scientific method	19-33		
	16	Darwin and natural selection	33-47	Lab 1: Classification	
	18	Genetics	49-78		
	23	Heredity	81-98	Lab 2: Heredity	Online Quiz 2
25	Microevolution	98-110			
February	30	The tree of life	113-140	Lab 3: Osteology	
	1	The human body	507-517		
	6	Comparative primate anatomy	143-155	Lab 4: Primate Anatomy	
	8	Primate diversity *	155-160		
	13	<b>EXAM 1</b>	none	Lab 5: Primate Phylogeny	<b>EXAM 1</b>
	15	Anthropoids	160-182		
20	Primate behavior *	185-193	Lab 6: Primate Function	Online Quiz 3	
22	Communication and culture *	194-223			
March	27	Primate origins	225-237	<b>Lab Practical 1</b>	
	1	Early anthropoids	237-261		
	6	SPRING BREAK	none	No Labs	
	8	SPRING BREAK	none		
	13	Paleoanthropology	263-284	Lab 7: Primate Evolution	
	15	Australopithecines	287-310		
	20	<b>EXAM 2</b>	none	Lab 8: Australopiths	<b>EXAM 2</b>
	22	Early <i>Homo</i>	310-327		
27	<i>Homo erectus</i>	327-345	Lab 9: Genus <i>Homo</i>	Online Quiz 4	
29	Premodern <i>Homo</i> and Neanderthals	347-379			
April	3	Modern <i>Homo</i>	383-409	Lab 10: Recent <i>Homo</i>	
	5	Modern human variation	411-430		
	10	Forensic anthropology	458-463	Lab 11: Human variation	Online Quiz 5
	12	Human biology *	430-458		
	17	Life history	467-488	<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