

Introduction to Biological Anthropology (ANT3514C)

Syllabus – Spring 2016

Lectures: Tuesday 7th period and Thursday 7-8th period in LIT 101

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

Instructor: Dr. Valerie Burke DeLeon
Department of Anthropology
University of Florida
352-294-7602

Email: vdeleon@ufl.edu

Office hours: Turlington B374; Wednesdays 10am-12pm and by appointment

Teaching Assistants (office hours held in TUR B307):

Paul Morse (paul.morse@ufl.edu)
(Tuesday sections 0316, 0319, 0322; office hours Tues 2nd & 6th, Thurs 9th period)
Kelly Chapman (kschapman@ufl.edu)
(Wednesday sections 0327, 0328, 3790; office hours Wed 7-9th periods)
Elise Geissler (elisegeissler@ufl.edu)
(Thursday sections 3800, 3929, 6269; office hours Tues 8th, Thurs 2nd & 6th 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 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.

iClickers: Participation in lectures is *strongly recommended*. You may choose to purchase an iClicker unit or subscribe to the iClicker app (for smartphone or computer). Details will be provided on the first day of class and posted on Canvas.

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). 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%).

300 pts	Exams (3)	Grade Points to Letter Conversion Chart:					
50 pts	Online Quizzes (5)	A	500-465	B-	414.5-400	D+	349.5-335
110 pts	Lab Reports (11)	A-	464.9-450	C+	399.5-385	D	334.5-315
40 pts	Lab Practicals (2)	B+	449.9-435	C	384.5-365	D-	314.5-300
500 pts	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 laboratory notes outside of class. Attendance in lectures is recommended. 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	5 What is biological anthropology?	3-18	No Labs	Online Quiz 1
	7 The scientific method	19-33		
	12 Darwin and natural selection	33-47		
	14 Genetics	49-75		
	19 Heredity	77-93	Lab 2: Heredity	Online Quiz 2
	21 Microevolution	94-105		
	26 The tree of life	107-133	Lab 3: Forces	
	28 The human body	484-494		
February	2 EXAM 1	none	Lab 4: Osteology	EXAM 1
	4 Comparative primate anatomy	135-146		
	9 Primate diversity	146-151	Lab 5: Primate Anatomy	Online Quiz 3
	11 Anthropoids	151-173		
	16 Primate behavior	175-193	Lab 6: Primate Function	
	18 Communication and culture	194-215		
	23 Primate origins *	217-229	Lab Practical 1	
	25 Early anthropoids	229-253		
March	1 SPRING BREAK	none	No Labs	
	3 SPRING BREAK	none		
	8 Paleoanthropology	255-275	Lab 7: Primate Evolution	
	10 Australopithecines	277-299		
	15 EXAM 2	none	Lab 8: Hominins 1	EXAM 2
	17 Early <i>Homo</i>	299-315		
	22 <i>Homo erectus</i>	315-329	Lab 9: Hominins 2	Online Quiz 4
	24 Archaic <i>Homo</i> and Neanderthals	331-361		
April	29 Modern <i>Homo</i>	363-387	Lab 10: Genus <i>Homo</i>	
	31 Modern human variation *	389-402		
	5 Forensic anthropology *	433-439	Lab 11: Forensics	Online Quiz 5
	7 Human biology	407-433		
	12 Life history *	441-465	Lab Practical 2	
	14 What is biological anthropology (reprise)?*	none		
	19 EXAM 3	none	No Labs	EXAM 3
	Spring classes end Wednesday, April 20			

* guest lectures