

Introduction to Biological Anthropology

LECTURES: Tuesdays period 7, Thursdays periods 7-8 in LIT 0101

LABORATORIES: Section 0316 Wednesday period 8
 Section 0319 Tuesday period 3
 Section 0322 Tuesday period 4
 Section 0327 Wednesday period 7
 Section 0328 Thursday period 5
 Section 3790 Wednesday period 5
 Section 3800 Thursday period 4
 Section 3929 Thursday period 3
 Section 6269 Wednesday period 6
 All laboratories meet in TUR B304

INSTRUCTOR: David Daegling
 B376 Turlington Hall
 352-294-7603
 daegling@ufl.edu
 Office Hours: Mondays 10:00 – 11:00 AM
 Wednesdays 1:00 – 3:00 PM

TEACHING ASSISTANTS (*office hours held in TUR B307*):

Susan Lad <slad@ufl.edu>: sections 0319, 0322, 3790. Office Hours W periods 3 and 4
Kim Le <kle15@ufl.edu>: sections 0316, 0327, 6269. Office Hours F periods 7 and 8
Deven Vyas <devenvyas@ufl.edu>: sections 0328, 3800, 3929. Office Hours T,R period 6

REQUIRED MATERIALS: 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 Sakai (<http://lss.at.ufl.edu/>). The syllabus, lab worksheets, supplemental materials, quizzes and your grades are all accessed here.

COURSE OBJECTIVES: 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 REQUIREMENTS: Three in-class exams (60% of course grade), Laboratory (30%, includes attendance, assignments and quizzes), online quizzes (10%). Your final grade is determined by your total score on laboratory work, examinations, and quizzes. Grades will be assigned as follows without exception (numbers indicated are points out of 500):

A = 465 – 500	B- = 400 – 414.9	D+ = 335 – 349.9
A- = 450 – 464.9	C+ = 385 – 399.9	D = 315 – 334.9
B+ = 435 – 449.9	C = 365 – 384.9	D- = 300 – 314.9
B = 415 – 434.9	C- = 350 – 364.9	E < 300

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.

OTHER POLICIES: Cell phones and other mobile devices must be turned off during class. 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. Academic dishonesty in any form will not be tolerated and is subject to university policy (University of Florida Rules - 6C1-4 Student Affairs), which includes provisions for expulsion from the university. Students requesting classroom accommodation must first register with the Dean of Students Office (DSO). The DSO will provide documentation to the student who must then provide this documentation to the instructor when requesting accommodation. 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).

Laboratory Schedule

Week of:	Topic
1/6	NO LAB
1/13	Orientation; Natural Selection
1/20	Mendelian Genetics
1/27	Evolutionary Forces
2/3	Osteology
2/10	Comparative Primate Anatomy
2/17	Primate Behavior
2/24	Practical Exam
3/3	NO LAB
3/10	Primate Evolution
3/17	Hominins I
3/24	Hominins II
3/31	Hominins III
4/7	Human Variation and Forensic Anthropology
4/14	Practical Exam
4/21	NO LAB

Lecture and Exam Schedule

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
		Text (pages)
January	7 What is biological anthropology?	
	9 Humanity, science and origins	3-26
	14 The world before Darwin	26-33
	16 Evolutionary theory	33-47
	21 Mechanisms of inheritance	49-75
	23 Heredity and the modern synthesis	77-94; 402-407
	28 Forces of evolution (QUIZ this week)	95-105
	30 The tree of life	107-133
February	4 The primates	135-146
	6 EXAM 1	
	11 Primate diversity	146-173
	13 Primate behavior	175-215
	18 Interpreting fossils	122-133; 264-267
	20 Primate origins	217-236
	25 Planet of the apes	237-253
	27 Bipedality (QUIZ this week)	271-282
March	4 NO CLASS	
	6 NO CLASS	
	11 Dawn of humanity	282-288
	13 <i>Australopithecus</i> and kin	288-299
	18 EXAM 2	
	20 earliest <i>Homo</i>	299-305
	25 <i>Homo erectus</i>	307-329
	27 Neanderthals and archaics	331-361
April	1 Anatomically modern humans	363-387
	3 The race question	389-402
	8 Human biology (QUIZ this week)	407-433
	10 Forensic anthropology	433-439
	15 Life history	441-465
	17 Humans and the biosphere	469-483
	22 EXAM 3	