

ANTH 102: PHYSICAL ANTHROPOLOGY

Miramar College – Fall 2019

Course Syllabus

ANTH 102 – 3 Units

CRN 14120

MW 11:10 AM – 12:35 PM, Room H206

Web-enhanced course: Canvas use required



Instructor:

Laura Tubelle de González

B.A., Anthropology, U.C. San Diego 1993

M.A., Anthropology, U.C. San Diego 1996

Contact Information:

E-mail: Lagonzal@sdccd.edu

Office: H-110D

Office phone: 388-7534

Visiting Hours:

MTWTh 1-2 pm, Wed 10-11 am

REQUIRED TEXTS

Biological Anthropology by Michael Alan Park (2012) 7th ed. McGraw-Hill. ISBN: 0-07-814000-5. Or as an e-Book, ISBN: 978-0-07-732310-3. You may use the 6th or 7th edition of this text. A hard copy will be on reserve at the Miramar College library.

ADVISORY

Completion of English 51 and 56, each with a grade of “C” or better, or equivalent, or Assessment Skill Levels W5 and R5.

COURSE SUMMARY

This course is a survey of human evolution, variation and adaptation. Emphasis is placed on the study of primates, human heredity, variability of modern populations and fossil records of early hominins and hominines. This course is the basis for advanced courses in Life and/or Behavioral Sciences or students majoring in Anthropology.

STUDENT LEARNING OUTCOMES

Scientific Method

Students are able to communicate how the scientific method is used to examine evolution by natural selection and how heredity works to shape populations.

Human Evolution

Students are able to communicate current scientific understandings of human evolution beginning with primates through modern human origins.

Modern Human Adaptation

Students understand a range of modern human adaptations and are able to communicate critical thinking about issues such as race and nutrition.

21st Century Workforce Skills: *Analytical thinking; critical thinking; written communication; self-regulation; integrity; creativity; information management.*

COURSE OBJECTIVES

Upon successful completion of the course the student will be able to:

1. Define and distinguish between cultural anthropology, archaeology, linguistic anthropology, physical (biological) anthropology and applied anthropology.
2. Identify the contributors to the theory of natural selection; describe natural selection in action and explain the constraints on and opposition to nineteenth-century evolutionary theory.
3. Compare and contrast the gradualist view of evolutionary change with the punctualist view and use examples from primate evolution to clarify the two views.
4. Identify the components of a cell and explain the evolutionary significance of meiosis.
5. Apply the principles discovered by Gregor Mendel to explain inheritance in humans and the effects of genetics on evolution.
6. Distinguish between macroevolution and microevolution and explain how observations of variation resulting from mutation, gene flow, genetic drift, natural selection and non-random mating have influenced the modern synthesis in evolutionary theory.
7. Survey possible explanations of the social behaviors and reproductive strategies of living primates based on their characteristics, evolutionary factors, habitats and diets.
8. Construct and describe alternate phylogenies for early hominids.
9. Describe early hominid discoveries and list the questions that are raised about human evolution.
10. Distinguish between early archaic hominids and Neandertals and describe Neandertal culture.
11. Compare the major theories that seek to explain the origin and dispersal of modern hominids and contrast each of the views using evidence from specific paleoanthropological and archaeological sites, genetic data and dating techniques.
12. List a variety of historical views of human adaptation; define the social and biological constructs of race, racism and intelligence.
13. Explain human variation as adaptation with regard to skin color, thermal environment, high altitude and disease.

GRADING

You will be evaluated primarily upon your performance on three tests of equal weight, written assignments, and completion of in-class activities.

- Assessments: There will be three tests based on readings, films, and lectures. The format will be partially multiple choice and partially short essay. You will need scantrons with numbers to 50. You will also take short quizzes on the book chapters throughout the course.
- Written assignments include responses to writings from the course reader and textbook as well as Museum and Zoo Field Trip Assignments.
- In-class activities You will be asked to participate in in-class activities as an essential part of your learning.

ITEM	POINTS	% OF FINAL GRADE (approx)
Tests 1-3	210 (70 ea)	37%
Museum Assignment Parts 1 & 2	65	12%
Zoo Assignment Parts 1 & 2	85	15%
8 Article Summaries	80	14%
Participation – 14 Chapter Quizzes + 2 Pre-Chapter Quizzes (Drop 2 lowest)	70 (5 ea)	12%
12 In-class activities (Drop 2 lowest)	50 (5 ea)	10%
TOTALS	560	100%

Please use the cumulative point scores and *not the percentages* to calculate your grade as the semester progresses. Sometimes it is incorrect on Blackboard. Please add up your point scores to verify the totals.

<u>Total Points at End of Course</u>		<u>Final Grade</u>
504 to 560	=	A
448 to 503	=	B
392 to 447	=	C
336 to 391	=	D
335 and under	=	F

ONLINE RESOURCES

You will be asked to read a selection of articles about anthropology online for this course. They are mandatory and a few are additional for extra credit. The links or pdfs will also be posted in your Canvas course site.

EXTRA CREDIT

You may gain extra credit in this class, by *completing up to 2 extra readings* from the extra credit list (Assignments > Extra Credit) or *attending up to 2 on-campus events* at Miramar. Each assignment is worth up to 10 points, maximum 20 points total. For more information, see the folder marked "Extra Credit" in Canvas. All extra credit is due the last day of class.

MISSED TESTS OR DEADLINES

If you know you will be out of class on the day of a test or other deadline, you must let the instructor know in advance and ***in writing (e-mail is fine)***. A makeup test can then be scheduled before the actual test is given. There will be no makeup tests given *after* the regular testing date. In case of illness or emergency, the student may make other arrangements at the instructor's discretion.

HOMEWORK

Homework assignments are posted on the course site. You are expected to complete all assignments on time and typed. It is your responsibility to keep all returned assignments. ***No late assignments are accepted. You may submit the assignment through Canvas before midnight on the due date.***

SENDING E-MAIL

You may send email to my regular SDCCD address or through the Canvas course site. Please write with courtesy and in complete sentences with a greeting and your name in closing ("here u go" is inappropriate for correspondence with your college professor). When you send regular e-mail, please put the following information in the Subject line: Your name, course number and days your class meets (ANTH 102 MW). If you don't receive a reply ("Thank you") within 48 hours, then I haven't received your e-mail; please resend.

ATTENDANCE

Consistent attendance is expected of each student. Roll will be taken at each class meeting. Excessive absences will cause you to lose a significant number of points on in-class assignments and activities. Students who remain enrolled in a class beyond the published withdrawal deadline, as stated in the class schedule, will receive an evaluative letter grade in this class.

FIELD TRIPS

We will be taking two field trips as a class: the San Diego Zoo and the San Diego Museum of Man in Balboa Park. You will be responsible for completing an assignment for each field trip. If you cannot make it on the day the class goes as a group, then you may go on your own to complete the required assignment. If you cannot complete the field trip assignments due to disability or other factors, you may request an alternate research assignment.

Cost with current Student ID: Zoo - free for field trip.

Museum – \$7.00 for field trip (with possibility of free entry due to museum grant)

However, the Museum is free on the third Tuesday of every month. You may go ahead of time on your own in order to take advantage of the free day.

EMERGENCY PREPAREDNESS

In the very unlikely case of an emergency, you should dial the Campus Police directly at (619) 388-6405. Please enter this number in your phone contacts.

FREE TUTORING

Please visit the Academic Success Center (ASC) in the corner of the LLRC (Library) building, Room L-101 for free tutoring.

HONORS

This class is available for an honors contract, which we will discuss in the first two weeks of class. You can receive the "Honors" designation on your transcript. Honors students receive consideration for priority admission to UCLA, San Diego State University, UC Irvine, and other universities (subject to change). Please visit the Honors website or on-campus office for other opportunities, including book scholarships.

VETERANS

I welcome veterans in the course. We are happy to have you on campus and look forward to your continued success here. For some returning veterans, going back to school can present some unique challenges. If that is true for you, remember that you do not have to face these challenges on your own. We are here to help. Please feel free to discuss any of questions or concerns you may have about the curriculum, the assignments, or your academic program with me in person. Please let me know if you will have training or other appointments that will keep you from attending class so we can work around them.

SDCCD DISTRICT POLICY ON UNDOCUMENTED STUDENTS

The Board of Trustees supports the continuation of the following District practices: the SDCCD will **not** (1) allow federal immigration officials on campus absent legal authority; (2) act on behalf of federal agencies to enforce immigration laws or aid in deportation; or, (3) share student records containing immigration or citizenship status with immigration officials, absent a court order or other legal authority; and, (4) College Police will not participate in any voluntary program of immigration enforcement.

STUDENTS WITH LEARNING OR PHYSICAL CHALLENGES

Students of all abilities are welcome. To receive reasonable accommodations, students with disabilities who may need academic accommodations should contact me as soon as possible. You and I can coordinate with the Disability Support Programs and Services (DSPS) department to identify appropriate accommodations. DSPS is located in building K-204 and can be reached at (619) 388-7312. An alternate format of this syllabus and class handouts is available upon request.

SUSTAINABILITY ON CAMPUS

Miramar College is committed to sustainability on campus and in our classrooms, as reflected in the SDCCD Sustainability Proclamation. To minimize the use of paper resources, please consider when a document may be shared digitally rather than printed. When a document must be printed, decrease the default setting on your margins to at least 0.8" and print on both sides of the paper. Please utilize the campus and classroom recycle bins for all recyclable materials: plastic bottles and containers (#1-7), cans, paper and cardboard. You are encouraged to bring reusable drink containers to school rather than disposable plastic bottles. Thank you for considering your role in keeping the campus environment clean, and conserving resources in your academic life.

OTHER IMPORTANT INFORMATION

Student expectations

My classroom is a safe space. This means we will be respectful and courteous, even, and especially, when we disagree.

I value every individual. Therefore, no remarks that disparage others based on ethnicity, gender or sexual identity, documented status, abilities, etc. will be appropriate or acceptable while in class.

I expect you to be consistently on time and respectful of the class environment.

I expect that during lectures, notes will be taken on material.

Please limit your eating and drinking in class to water and dry snacks due to the potential for spills.

Cell phone ringers must be turned off before class begins.

If you need to answer an important call, please let me know that you are waiting for one in advance, and take the call outside. Otherwise, allow your voice mail to answer.

If you have any concerns about the course or your work in it, please come to me first. If the results are not to your satisfaction, then I will recommend that you speak to the Department Chair.

No laptops are allowed unless mandated by DSPS.

Please do not text message, play games, or browse the Internet in class. It is disrespectful and distracting.

You may audiotape the lectures for personal use in preparing for exams or projects.

Instructor expectations

You can expect me to be consistently on time and respectful of every student.
I will answer every question with care and if I don't know the answer, I will not make it up.
I will report instances of cheating to the Miramar College Student Affairs Officer.
My cell phone will not ring in class. If it does, I will buy you all donuts.

ACADEMIC HONESTY

All students are expected to act with civility and personal integrity; respect other students' dignity, rights and property; and help create and maintain an environment in which all can succeed through their own efforts. Academic integrity includes a commitment to not engage in or tolerate acts of deception, falsification or misrepresentation. Such acts of dishonesty include, but are not limited to, **cheating or copying, plagiarizing, submitting another person's work as one's own, using Internet sources without citation, having another student take one's exam, tampering with the work of another student, or facilitating other students' acts of academic dishonesty (such as allowing a friend copy from your assignment or exam)**. Students who are found to be dishonest will receive academic sanctions, such as an "F" grade on the assignment, exam, or TBD. Severe cases or repeat offenses may also result in more severe disciplinary sanctions up to and including suspension or expulsion.

STUDENT CODE OF CONDUCT

The SDCCD Student Code of Conduct, as practiced by all campuses in our district, can be found [here](#).



Let's Have a Great Semester!



Weekly Schedule – ANTH 102 14120

Instructor reserves the right to revise this syllabus.

WEEK	DATE	IN CLASS	HOMEWORK DUE
1	8/19	Introduction to Biological Anthropology	
	8/21	Anthropology and Science The Myth of Race	Park, Chapter 1 read and take online quiz Log on Bb, Take Plagiarism and Fake News Quizzes
2	8/26	The Evolution of Evolution	Park, Chapter 2 read/take online quiz
	8/28	The Theory of Natural Selection <i>Add/Drop deadline 8/30</i>	Due: Article Response 1 -- Root-Bernstein, "Darwin's Rib"
3	9/2	<i>No school – district holiday</i>	Park, Chapter 3 read/take online quiz Due: Plagiarism and Fake News quizzes (online)
	9/4	Evolutionary Genetics: The Gene	Park, Chapter 4 read/take online quiz
4	9/9	Evolutionary Genetics: Mendelian Genetics	Due: Article Response 2 -- Nina Jablonski, "Skin Deep"
	9/11	Processes of Evolution	Park, Chapter 5 read/take online quiz
5	9/16	The Origin of Species and The Shape of Evolution	Park, Chapter 6 read/take online quiz Due: Article Response 3 -- Stephen Jay Gould, "Sex, Drugs, Disasters and the Extinction of Dinosaurs"
	9/18	Test Review	Prepare for Test Review
6	9/23	Test 1 (Ch 1-6)	Study for Test 1 <i>Online Quizzes 1-6 become unavailable</i>
	9/25	Introduction to the Primates FILM excerpt: <i>Life in the Trees</i>	Park, Chapter 7 read/take online quiz
7	9/30	FILM: <i>Clever Monkeys</i>	Due: Article Response 4 -- Gretchen Vogel, "Chimps in the Wild Show Stirrings of Culture"
	10/2	Primate Behavior	Park, Chapter 8 read/take online quiz
8	10/7	FILM: <i>The New Chimpanzees</i>	Due: Article Response 5 -- Dickson, Oeggl and Handley, "The Iceman Reconsidered"

	10/9	Primate Osteology	Park, Chapter 9 read/take online quiz
9	10/14	Studying the Human Past: Fossilization	
	10/16	Bipedalism	Park, Chapter 10 read/take online quiz
10	10/21	The Birth of the Hominins	Due: Article Response 6 -- Adam Summers, "Born to Run"
	10/23	The Birth of the Hominins, continued <i>Withdrawal deadline 10/25</i>	
11	10/28	Test 2 Review	Prepare for Test Review
	10/30	Test 2 (Ch 7-10)	Study for Test 2 <i>Online Quizzes 7-10 become unavailable</i>
12	11/4	FIELD TRIP: San Diego Zoo	Work on Create a Primate assignment (Zoo Assg, Part 2)
	11/6	Evolution of the Hominins	Park, Chapter 11 read and take online quiz Due: Article Response 7 -- William Leonard, "Food for Thought"
13	11/11	<i>No school – District Holiday</i>	Park, Chapter 12 read/take online quiz
	11/13	Stone Tools Homo Sapiens	Due: Zoo Field Trip Assignment, Pts 1 & 2
14	11/18	FIELD TRIP: San Diego Museum of Man	Park, Chapter 13 read/take online quiz
	11/20	Recent Hominin Discoveries Human Biological Adaptation	Due: Article Response 8 -- Barry Bogin, "Globalization and Children's Diets" (long)
15	11/25 – 11/29	<i>No school – District Holiday</i>	Work on Field Trip essays (Museum Assg, Part 2)
16	12/2	Human Biological Diversity	Due: Museum Field Trip Assignment, Parts 1&2
	12/4	<i>Honors Research Symposium</i>	Park, Chapter 14 online quiz
17	12/9	Test Review	Prepare for Test Review
	12/11	Test 3 (Ch 11-14)	Study for Test 3 ; Extra Credit Deadline <i>Online Quizzes 11-14 become unavailable</i>