

College of Social Sciences/Anthropology
ANTH012, Introduction to Human Evolution, Section 3,
Fall 2014

Contact Information

Instructor:	Dr. Elizabeth Weiss
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Office Hours:	TuTh 1045 – 1145 (or by appointment)
Class Days/Time:	TuTh 1200 – 1315
Classroom:	WSQ207
GE/SJSU Studies Category:	B2/Life Science

Course Description

The human organism from an evolutionary perspective. The foundations of life and evolutionary theory. Introduction to primate behavior and the fossil record. Human biocultural evolution over the last sixty million years. There are no prerequisites to take this course.

Course Goals and Learning Objectives

GE Learning Outcomes (GELO)

To fulfill the GE writing requirement students will write two 3-page (750 words) essays. Each writing assignment is a take-home assignment and will be submitted using turnitin.com and hand in a printed version in class.

Both the writing assignments and exam questions will be utilized to assess GE learning outcomes.

Upon successful completion of this course, students will be able to:

GELO1 use methods of science and knowledge derived from current scientific inquiry in life or physical science to question existing explanations;
GELO2 demonstrate ways in which science influences and is influenced by complex societies, including political and moral issues; and

GELO3 recognize methods of science, in which quantitative, analytical reasoning techniques are used.

Course Learning Outcomes (CLO)

Detailed Course Description: Introduction to Human Evolution is a course designed to allow students to appreciate the evolutionary history of our species and the biological bases that are at the foundation of this process. The course is an introductory one; thus, no specific prior knowledge is assumed. There are no prerequisites to take this course.

During the semester, students will acquire basic biological knowledge relating to molecular biology, cell reproduction, fundamental principles of micro- and macro-evolutionary theory (especially the role of natural selection), and the intellectual background leading to the development of evolutionary theory.

Course Goals and Student Learning Objectives

At SJSU, students are encouraged to recognize that education is participatory experience. Thus, each student is expected to contribute to further refining the course objectives (so better to articulate your individual expectations and needs), to give feedback to the instructor regarding the adequacy of your learning and how well the course assessment measures that learning (and how these assessment tools can be improved). Finally, each student is challenged to be engaged in the exploration of the fascinating material covered this semester, to participate in class discussions, and to relate in assignments and exercises how you can apply these concepts to your everyday life.

The most important contribution this course can make to your education is to provide you with greater ability to think critically. As a result, this skill will contribute permanently to your further education, that it, for the remainder of your lifetime.

Upon successful completion of this course, students will be able to:

CLO 1 explain the evolutionary process, how it works, and how scientists have come to understand the process (specifically to understand ourselves).

CLO 2 describe the evolutionary history of our species and the biological bases that are at the foundation of this process.

CLO3 comprehend basic biological knowledge relating to molecular biology, cell reproduction, fundamental principles of micro- and macro-evolutionary theory (especially the role of natural selection), and the intellectual background leading to the development of evolutionary theory.

CLO4 explain from a comparative perspective how humans are related to other primates (and what this implies structurally, physiologically, and behaviorally).

Required Texts/Readings

The Human Organism: Explorations in Biological Anthropology

Edited by: Elizabeth Weiss

Published by: Cognella Publishers

Purchase for a discounted price at <https://students.universityreaders.com/store/>

Cost: \$75.95

ISBN: 978-1-63189-452-7

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on.

Turnitin.com Information: You will be required to enroll in turnitin.com. The required information to do so is:

Class ID: 8281047

Class Name: ANTH012 - Fall2014

Password: hominid

Preparation and Participation requirements

Read the text prior to coming to class and come with questions.

Exam requirements three exams and a comprehensive final exam. Exam questions are designed to assess course and GE learning objectives.

Writing requirements include two 750 word papers. Writing assignments must be turned in both as a printed version at the beginning of class and to Turnitin.com before class begins on the scheduled due date.

Topics will be discussed in detail in class and are designed to address the GE learning objectives. Writing assignments will be graded in accordance to GE guidelines, which states that “writing shall be assessed for grammar, clarity, conciseness and coherence.” I will not answer questions regarding writing assignments in emails.

Grading Policy

To pass this course, you must receive a grade of D- or higher.

Students should keep track of their grades, which entails picking up writing assignments and exams in a timely manner. I will bring graded assignments to class and students can pick them up after the class period or they can come to my office to pick them up. If you have any grade issues, you must come to my office during office hours to resolve the

issue.

Grades will be based on the following (each is graded on a scale of 100):

Writing Assignments	2 X 10%	=	20%
Exams	3 X 15%	=	45%
Final Exam	1 X 35%	=	35%
Total			100%

Grading is as followed:

A	B	C	D	F
97% - 100% = A+	87-89% = B+	77-79% = C+	67-69% = D+	Below 60% = F
91-96% = A	81-86% = B	71-76% = C	61-66% = D	
90% = A-	80% = B-	70% = C-	60% = D-	

Make-up Work: If you know in advance that you are unable to attend an exam, contact me to set up a time to take the exam prior to its scheduled date. Only students with a valid documented excuse will be able to take an exam (including the final) or submit a writing assignment late.

IMPORTANT: Read the syllabus, writing guidelines, and any other materials I provide. If after you have read the appropriate materials you still have questions, then ask them in class and listen to answers I provide to other students' questions. I will not answer emails regarding questions that can be answered using the materials already provided or which have been addressed in class (if you miss a day of class it is your responsibility to get notes from a fellow classmate). **I will not answer questions regarding study guides, exams, or grades in emails.** Emails will be answered Mondays through Fridays from 9 AM to 5 PM only.

CLASS BEHAVIOR

No electronics (which include mp3 players, cell phones, laptops) will be allowed out in class. Before class begins, you must turn off all electronics and put them out of sight. **If I see any electronics being used, you will be kicked out of class!**

Rare exceptions may be made if the student has signed up with the Accessible Education Center (EAC), comes to see me regarding the issue, and has specific recommendation from the EAC for laptop use rather than a note-taker or other accommodation. Any discussion regarding student accommodations must be done in my office during office hours or at a scheduled appointment time.

If you are asked to leave the classroom for any behavioral reason, you cannot make up the assignments missed during that class.

Any behavior that is deemed disruptive to the instructor or other students may result in the disrupting student to be referred to the Judicial Affairs Officer of the University.

Departmental Goals

Learn about the goals of the anthropology department and how it can benefit your education.

Goals <http://www.sjsu.edu/anthropology/departmentinfo/goals/index.html>

Credit Hours

Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of forty-five hours over the length of the course (normally 3 hours per unit per week with 1 of the hours used for lecture) for instruction or preparation/studying or course related activities including but not limited to internships, labs, clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus.

University Policies

Here are some of the basic university policies that students must follow.

Dropping and Adding

Find the procedures and deadlines for adding and dropping classes.

Catalog Policies <http://info.sjsu.edu/static/catalog/policies.html>.

Add/drop deadlines http://www.sjsu.edu/provost/services/academic_calendars/

Late Drop Policy <http://www.sjsu.edu/aars/policies/latedrops/policy/>

Consent for Recording of Class and Public Sharing of Instructor Material

All students must obtain the instructor's permission if they wish to record lectures or distribute materials from the class.

University Policy S12-7 <http://www.sjsu.edu/senate/docs/S12-7.pdf>

Academic integrity

Learn about the importance of academic honesty and the consequences if it is violated.

University Academic Integrity Policy S07-2 <http://www.sjsu.edu/senate/docs/S07-2.pdf>

Student Conduct and Ethical Development website <http://www.sjsu.edu/studentconduct/>

Campus Policy in Compliance with the American Disabilities Act

Here are guidelines to request any course adaptations or accommodations you might need.

Presidential Directive 97-03 http://www.sjsu.edu/president/docs/directives/PD_1997-03.pdf

Accessible Education Center <http://www.sjsu.edu/aec>

Resources

The university provides resources that can help you succeed academically. Just look here.

Academic Success Center <http://www.sjsu.edu/at/asc/>

Peer Connections website <http://peerconnections.sjsu.edu>

Writing Center website <http://www.sjsu.edu/writingcenter>

Counseling Services website <http://www.sjsu.edu/counseling>

ANTH12-3 / Introduction to Human Evolution, Fall 2014, Course Schedule

List the agenda for the semester including when and where the final exam will be held. Indicate the schedule is subject to change with fair notice and how the notice will be made available.

Course Schedule

Week	Date	Topics, Readings, Assignments (In bold) Deadlines
1	8/26 8/28	Introduction to course Discussion of Writing Assignments; Fields of Anthropology
2	9/2 9/4	History of Evolutionary Theory: Chapter 1: pp. 5-9 Understanding Natural Selection: Chapter 1: pp. 10-15; Reading 1: pp.17-28
3	9/9 9/11	Evidence of Evolution: Reading 1: pp. 17-28; Reading 3: pp. 43-50 Genetics and the Modern Synthesis: Chapter 2: pp. 51-59; Reading 2: pp. 29-42
4	9/16 9/18	Cells, DNA, Protein Synthesis and Molecular Anthropology: Chapter 3: pp. 61-68 Exam I Review
5	9/23 9/25	Exam I General Primate Characteristics: Chapter 4: pp. 73-76
6	9/30 10/2	Prosimians and Tarsiers: Chapter 4: pp. 76-78; Reading 4: pp. 91-102 Anthropoids: New World Monkeys: Chapter 4: pp. 79-83
7	10/7 10/9	Anthropoids: Old World Monkeys: Chapter 4: pp. 84-90 Anthropoids: Apes; Using Primates for Models of Human Evolution: Reading 5: pp. 103-111; Reading 6: pp. 113-120
8	10/14 10/16	Exam II Review; Writing Assignment I Due Exam II
9	10/21 10/23	Fossils, Types of Fossils in the Hominid Record, Dating Fossils: Chapter 5: pp. 123-126 What makes hominids different from other apes? And Contenders for the earliest hominid: Chapter 5: pp. 126-131
10	10/28 10/30	Early Australopithecines and Graciles: Chapter 5: pp. 131-136; Reading 7: pp. 141-164 Robust Australopithecines, Early <i>Homo</i> and Oldowan tools: Chapter 5: pp. 136-139; Reading 8: pp. 165-169
11	11/4 11/6	<i>Homo erectus</i> , <i>Homo ergaster</i> , <i>Homo georgicus</i> , and <i>Homo antecessor</i> : Chapter 6: pp.171-176; Reading 9: pp. 179-186 <i>Homo heidelbergensis</i> and Neanderthals: Chapter 7: pp. 187-193
12	11/11 11/13	No class Origins of Anatomically Modern Humans; Chapter 7: pp. 193-195; Reading 10: pp. 197-211; Reading 11: pp. 213-218

Week	Date	Topics, Readings, Assignments (In bold) Deadlines
13	11/18 11/20	Exam III Review; Writing Assignment II Due Exam III
14	11/25 11/27	Modern Human Variation: Human Variation: Chapter 8: pp. 221-223; Reading 12: pp. 233-243; Reading 13: pp. 245-249 No Class
15	12/2 12/4	Modern Human Variation: Adaptation and Acclimatization: Chapter 8: pp. 223-227; Reading 14: 251-256 Modern Human Variation: Human Life Cycle: Chapter 8: pp. 227-230
16	12/9	Final Review
Final Exam	12/18	Thursday, 0945 – 1200: In WSQ207; bring T&E 200 and number 2 pencil.