San José State University
COSS/Anthropology
ANTH012, Introduction to Human Evolution, Sections 3 & 4, Fall 2019

Course and Contact Information

Instructor:	Professor Elizabeth Weiss
Office Location:	CL404R
Telephone:	408-924-5546
Email:	Elizabeth.Weiss@sjsu.edu
Office Hours:	TR 1200 - 1300; W (in WSQ002) 1200 - 1330
Class Days/Time:	TR; Section 3: 900 - 1015; Section 4: 1500 - 1615
Classroom:	WSQ004
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.

GE Learning Outcomes (GELO)

To fulfill the GE writing requirement students will write three 2-page (500 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:
1. use methods of science and knowledge derived from current scientific inquiry in life or physical science to question existing explanations;
2. demonstrate ways in which science influences and is influenced by complex societies, including political and moral issues; and
3. recognize methods of science, in which quantitative, analytical reasoning techniques are used.

Course Learning Outcomes (CLO)

The most important contribution this course can make to your education is to provide you with greater ability to think critically. This skill will contribute permanently to your further education and for the rest of your life.

Upon successful completion of this course, students will be able to:
1. explain the evolutionary process, how it works, and how scientists have come to understand the process (specifically to understand ourselves).
2. describe the evolutionary history of our species and the biological bases that are at the foundation of this process.

3. 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.
4. 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 (Second Edition); Cognella Publishers
Print Price: $91.95
Ebook Price: $82.95

Purchase at https://store.cognella.com/81311-2A-NI-001, the University bookstore, or borrow from the library's course reserve.

Course Requirements and Assignments

"Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus."

Preparation and participation requirements. Read the text prior to coming to class, complete the activity sheets at the end of each chapter, and come with questions.

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

Writing requirements. There will be three 500-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 and requirements 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."

There will be extra credit opportunities, which are based on preparedness for the review sessions.

Grades will be posted on turnitin.com.
The information that you need to log in, add the class, and submit your materials is:

Class ID: 21541498
Class Name: ANTH012
Password: hominid

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 or students can come to my office to pick them up. If you have any grade issues, you must come to my office to discuss them.

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

Writing Assignments	3 X 10%	=	30%
Exams	3 X 15%	=	60%
Final Exam	1 X 25%	=	25%
Total			100%

Grading is as followed:

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

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. Requests for extensions will be dealt on a case-by-case basis, but in most circumstances only students who were ill or have another valid documented excuse will be able to take an exam (including the final) or submit an assignment late. The final will be given on the scheduled time.

Classroom Protocol

I consider my students adults. Attendance is optional. When one attends lecture, one should behave appropriately and pay attention. If one feels that they cannot pay attention for the entire period (for whatever reason), then one should not attend class.

University Policies (Required)

Per University Policy S16-9 *(http://www.sjsu.edu/senate/docs/S16-9.pdf)*, relevant information to all courses, such as academic integrity, accommodations, dropping and adding, consent for recording of class, etc. is available on Office of Graduate and Undergraduate Programs' Syllabus Information web page at http://www.sjsu.edu/gup/syllabusinfo/" Make sure to review these university policies and resources with students.

ANTH012-03 & 04/Introduction to Human Evolution, Fall 2019, Course Schedule

The schedule is subject to change with fair notice and how the notice will be made available.

Date	Topics, Readings, Assignments, Deadlines ***(If appropriate, add any extra column(s) to meet your needs.)***
8/22, R	**Topics**: Introduction to Course; History of Evolutionary Theory **Reading:** Chapter 1, pp. 1-9 (Including Case Study)
8/27, T	**Topic**: Natural Selection and Evidence of Evolution **Reading:** Chapter 1: pp. 9-15
8/29, R	**Topic**: Discussion of *Origin of Species*, Chapter XIII **Assignment Discussed:** Writing Assignment 1 **Reading:** Reading 1: pp. 19-30
9/3, T	**Topic:** Mendelian Genetics **Reading:** Chapter 2: pp. 33-40**;** Reading 2: pp. 49-55
9/5, R	**Topic:** Modern Synthesis (Including Case Study) **Reading:** Chapter 2: pp. 40-45

Date	Topics, Readings, Assignments, Deadlines ***(If appropriate, add any extra column(s) to meet your needs.)***
9/10, T	**Topic:** Cells, DNA, and Protein Synthesis **Reading:** Chapter 3: pp. 57-64
9/12, R	**Topic:** Molecular Anthropology and Evolutionary Medicine **Reading:** Chapter 3: pp. 64-68 (Including Case Study); Reading 3: pp. 70-77 **Assignment Due:** Writing Assignment 1
9/17, T	Exam 1 Review
9/19, R	**Exam 1**
9/24, T	**Topic:** General Primate Characteristics **Assignment Discussed:** Writing Assignment 2 **Reading:** Chapter 4: pp. 79-82
9/26, R	**Topic:** Prosimians and Tarsiers **Reading:** Chapter 4: pp. 82-86 (Including Case Study)
10/1, T	**Topic:** New World Monkeys **Reading:** Chapter 4: pp. 86-91
10/3, R	**Topic:** Old World Monkeys and Apes **Reading:** Chapter 4: pp. 91-97
10/8, T	**Topic:** Primates as Models for Human Evolution **Reading:** Chapter 4: pp. 97-97; Reading 4: pp. 102-107 **Assignment Due**: Writing Assignment 2
10/10, R	Exam 2 Review
10/15, T	**GUEST SPEAKER: Forensic Archaeologist Scott Warnasch (during Section 3: 0900 to 1015); Section 4 cancelled, students from Section 4 are invited to join Section 3 for this event.**
10/17, R	**Exam 2**
10/22, T	**Topic:** Fossils and Contenders for the earliest hominid **Assignment Discussed:** Writing Assignment 3 **Reading:** Chapter 5: pp. 111-121
10/24, R	**Topic:** Australopithecines: Graciles and Robusts **Reading:** Chapter 5: pp. 122-129
10/29, T	**Topic:** Early *Homo* and Oldowan tools **Reading:** Chapter 5: pp. 129-134 (Including Case Study); Reading 5: pp. 138-142
10/31, R	**Topic:** *Homo erectus* and sibling species **Reading:** Chapter 6: pp.145-156
11/5, T	**Topic:** The Hobbit Trap **Readings:** Reading 6: 160-163
11/7, R	**Topic:** *Homo heidelbergensis* **Reading:** Chapter 7: pp. 165-170
11/12, T	**Topic:** Neanderthals and Modern Humans **Reading:** Chapter 7: pp. 170-180 (Including Case Study); Reading 7: pp. 184-192 **Assignment Due**: Writing Assignment 3
11/14, R	Exam 3 Review

Date	Topics, Readings, Assignments, Deadlines *(If appropriate, add any extra column(s) to meet your needs.)*
11/19, T	**Exam 3**
11/21, R	**Topic:** Human Variation and Adaptation **Reading:** Chapter 8: pp. 197-204; Reading 8: pp. 214-220
11/26, T	**Topic:** Human Life Cycle **Reading:** Chapter 8: pp. 204-210
11/28, R	NO CLASS: THANKSGIVING BREAK
12/3, T	Final Exam Review
12/5, R	Final Exam Review

FINAL EXAM: WSQ004
Section 3: Monday, December 16, 0715-0930;
Section 4: Wednesday, December 11, 1445-1700