

San José State University
ANTH 12 Intro to Human Evolution, Fall 2019 (40007)

Course and Contact Information

Instructor:	Dr. Jay Ou
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Office Hours:	MW 1015-1115
Class Days/Time:	MW 900-1015
Classroom:	Clark Hall 204

GE/SJSU Studies Category: GE B2

Course Description

This course examines the human organism from an evolutionary perspective. Topics to be covered include: four field anthropology and biological anthropology; genetics and species formation; fossil records and geology; primates and human variation; and the biology and behavior of modern humans.

Knowledge

PLO1. Understanding culture as the distinguishing phenomenon of human life, and the relationship of human biology and evolution.

PLO2. Awareness of human diversity and the ways humans have categorized diversity.

PLO3. Knowledge of the significant findings of archaeology, cultural anthropology, and physical anthropology, and familiarity of the important issues in each sub-discipline.

PLO4. Knowledge of the history of anthropological thought and its place in modern intellectual history

PLO5. Comprehension of migration, colonialism, and economic integration as significant phenomenon shaping global society.

Class Learning Objectives (CLO)

Students who successfully complete this course will:

CLO1 explain the evolutionary process, how it works, and how scientists have come to understand the process (specifically to understand ourselves).

CLO2 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).

GE Learning Outcomes (GELO)

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.

Classroom Protocol

ALL ELECTRONIC DEVICES (CELL PHONES, LAPTOPS, TABLETS) MUST BE TURNED OFF AND PUT AWAY OUT OF SIGHT DURING CLASS TIMES. The first infraction will prompt a formal warning by the instructor. The second infraction will be promptly reported to the Office of Student Conduct with a recommendation that the student be immediately expelled from the course. Students should be aware that according to Title 5 of the California Code of Regulations, "Standards for Student Conduct," grounds for student discipline includes: "Participating in an activity that substantially and materially disrupts the normal operations of the University," {Section 41301(b)(4)} which could include use of electronic devices in classroom settings.

LATE ASSIGNMENTS WILL NOT BE ACCEPTED. THERE WILL BE NO MAKEUP EXAMS. Exceptions to this rule will only be made if official documents can be presented at least 24 hours in advance showing evidence of illness, death in family, or legal duties.

Required Readings

Exploring Biological Anthropology: The Essentials. Stanford Craig, John S. Allen, Susan C. Antón, Pearson Publishing Company, 2013. 4th edition (or earlier editions). ISBN: 9780134014197

ALL ADDITIONAL REQUIRED READINGS ARE ON CANVAS UNDER FILES

Course Requirements and Assignments

20% Exam 1
20% Exam 2
20% Final Exam
10% Group Assignment 1
10% Group Assignment 2
10% Group Presentations
10% Reading Quizzes (5 x 2%)

Grading Policy

Course grades will be assigned as follows:

Grade	Points	Percentage
A plus	960 to 1000	96 to 100%
A	930 to 959	93 to 95%
A minus	900 to 929	90 to 92%
B plus	860 to 899	86 to 89 %
B	830 to 829	83 to 85%
B minus	800 to 829	80 to 82%
C plus	760 to 799	76 to 79%
C	730 to 759	73 to 75%
C minus	700 to 729	70 to 72%
D plus	660 to 699	66 to 69%
D	630 to 659	63 to 65%
D minus	600 to 629	60 to 62%

Wk	Date	Topics, Readings, Assignments, Deadlines
1	8/21	Course Introduction
2	8/26-28	<u>1. Four Field Anthropology</u> Biological Anthropology Reading: Ch. 2 Group Assignment Workshop
3	9/4	Evolutionary Thought Reading: Ch. 2 LABOR DAY HOLIDAY 9/2
4	9/9-11	<u>2. Genetics</u> Cells and Molecules Reading: Ch. 3
5	9/16-18	Genotype to Phenotype Reading: Ch. 4 Group Assignment 1 Due 9/18
6	9/23-25	Species Formation Reading: Ch. 5 10/2 Exam 1
7	9/30-10/2	Human Variation Reading: Ch. 6

8	10/7-9	1. Primates Reading: Ch. 7
9	10/14-16	Primate Behavior Reading: Ch. 8
10	10/21-23	<u>3. The Fossil Record</u> Geology Reading: Ch. 9 Group Assignment 2 Due 10/23
11	10/28-30	Early Hominins Reading: Ch. 10 Exam 2
12	11/4-6	Genus Homo Reading: Ch. 11
13	11/13	Archaic Homo Sapiens and Neandertals Reading: Ch. 12 VETERANS DAY HOLIDAY 11/11

14	11/18-20	Emergence of Homo Sapiens Reading: Ch. 13
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15	11/25	<u>4. Biology and Behavior of Modern Humans</u> Evolution of the Brain Reading: Ch. 14
16	12/2-4	Biomedical and Forensic Anthropology Reading: Ch. 15
	12/13 715-930	FINAL EXAM

Faculty Web Page and MYSJSU Messaging

Some course materials will be distributed in class sessions and others will be sent to students via the email address which appears in the course roster. This course makes use of the Canvas learning management system and you are responsible for all assignments and changes to them.

Departmental 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

General Expectations, Rights and Responsibilities of the Student

As members of the academic community, students accept both the rights and responsibilities incumbent upon all members of the institution. Students are encouraged to familiarize themselves with SJSU's policies and practices pertaining to the procedures to follow if and when questions or concerns about a class arises. See University Policy S90-5 at <http://www.sjsu.edu/senate/docs/S90-5.pdf>. More detailed information on a variety of related topics is available in the SJSU catalog, at <http://info.sjsu.edu/web-dbgen/narr/catalog/rec-12234.12506.html>. In general, it is recommended that students begin by seeking clarification or discussing concerns with their instructor. If such conversation is not possible, or if it does not

serve to address the issue, it is recommended that the student contact the Department Chair as a next step.

Dropping and Adding

Find the procedures and deadlines for adding and dropping classes.

Catalog Policies Add/drop deadlines Late Drop Policy

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

http://www.sjsu.edu/provost/services/academic_calendars/

<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.

<http://www.sjsu.edu/counseling>

<http://www.sjsu.edu/at/asc/>

<http://peerconnections.sjsu.edu>

<http://www.sjsu.edu/writingcenter>