

# San José State University

## COSS/Anthropology

### ANTH12, Introduction of Human Evolution, Sections 80 & 81, Fall 2021

#### Course and Contact Information

Instructor(s): Professor Elizabeth Weiss

Office Location: N/A

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Email: Elizabeth.Weiss@sjsu.edu

Office Hours: By phone, Tuesdays and Wednesdays 10:30 to 11:30 AM

Class Days/Time: N/A

Classroom: Section 80: <https://sjsu.instructure.com/courses/1427867>; Section 81:

<https://sjsu.instructure.com/courses/1432259>

GE/SJSU Studies Category: GE 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.

#### Course Format

##### Technology Intensive, Hybrid, and Online Courses

This course is delivered as an asynchronous, fully online course. All instruction takes place online, with no physical in-person or on-campus meetings or activities. Students will need a computer and reliable internet access with the bandwidth to stream YouTube videos and take online exams. Students will also need working speakers; this may require a headset or headphones. Students should not rely on public hotspots, such as coffee shops, for delivery of this course, especially for taking online exams and quizzes. Access to reliable internet is the responsibility of the student.

Students will need to use Canvas. For help with using Canvas see [http://www.sjsu.edu/ecampus/teaching-tools/canvas/student\\_resources](http://www.sjsu.edu/ecampus/teaching-tools/canvas/student_resources)

Canvas uses Turnitin.com for originality reports. All student assignments are run through this system to ensure originality of work. To ensure processing, students are required to submit assignments as Word documents (.docx). Students using Google docs or Pages will need to save documents in the .docx format.

Online quizzes and the final exams require the use of Respondus Lockdown Browser with Respondus Monitor, which will require camera monitoring. It is the student's responsibility to ensure compatibility between Respondus Lockdown Browser and Monitor and their computer. To download this software visit: <https://download.respondus.com/lockdown/download.php?id=967937270>

## **GE Learning Outcomes (GELO)**

To fulfill the GE writing requirement students will write 1500 words (6 pages); a variety of writing assignments will be assigned. 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)**

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

CLO 1: Students will be able to name major primate taxonomic groups.

CLO 2: Students will be able to describe the distribution and physical characteristics for each group.

CLO 3: Students will be able to understand understanding primate adaptations (both anatomical and behavioral) can help us understand ourselves and our ancestors.

## **Required Texts/Readings (Required - Delete the word “Required” in final draft)**

### **Textbook**

*The Human Organism: Explorations in Biological Anthropology (Second Edition).*

Through the library:

<https://ebookcentral.proquest.com/lib/sjsu/detail.action?docID=6123756>

This is a no cost ebook; you must be logged in using your SJSU ID.

Note: You will find that this ebook has a limited number of concurrent users. If you see a message that the limit for the ebook has been reached, you will need to wait until one of the users finishes with the ebook before you can access it. It could be worth trying again in 15 minutes or join a waiting list and receive a notification when the book becomes available.

You can also purchase the book through the university bookstore (<https://sjsu.bncollege.com/shop/sjsu/page/find-textbooks>) or through the publisher (<https://store.cognella.com/81311-2a-ni-007>).

### **Other technology requirements / equipment / material**

*Computer, Internet Access, Webcam, Speakers/Headphones*



# ANTH012 / Introduction to Human Evolution, Fall 2021, Course Schedule

## Course Schedule

Module	Date	Topics, Readings, Assignments, Deadlines
0	8/19-8/24	Introduction to the Course.
1	8/25-8/31	<p><b>Required Readings:</b> Evidence of Evolution – Read the Chapter 1, including the Case Study.  <b>Take Quiz 1 – Due 8/31 before midnight.</b></p> <p><i>Optional Readings:</i>            Reading 1: <i>Origin of Species by means of Natural Selection</i> (pp. 18-31).  <a href="https://www.mindingthecampus.org/2021/06/03/charles-darwin-victorian-genius/">https://www.mindingthecampus.org/2021/06/03/charles-darwin-victorian-genius/</a></p>
2	9/1-9/7	<p><b>Required Readings:</b> Mendelian Genetics and the Modern Synthesis – Read Chapter 2, including the Case Study and Reading 2: <i>Epigenetics: It's what turns you on and...off.</i>  <b>Take Quiz 2 - Due 9/7 before midnight.</b></p>
3	9/8-9/14	<p><b>Required Readings:</b> DNA and Molecular Anthropology – Read Chapter 3, including the Case Study.  <b>Take Quiz 3 - Due 9/14 before midnight.</b></p> <p><i>Optional Reading 3: Help! Is there an Evolutionary Biologist in the House?</i> (pp. 70-77)</p>
4	9/15-9/21	<p><b>Required Readings:</b> 79 through 96. <u>Case Study is optional.</u>  <b>Take Quiz 4 - Due 9/21 before midnight.</b></p>
5	9/22-9/28	<p><b>Required Readings:</b> Primates – Read Chapter 4, pp. 97 through 108, including Reading 4: <i>The Missing Link? Maybe Fear.</i>  <b>Writing Assignment 1: on using nonhuman primates to understand humans – Due 9/28 before midnight.</b></p>
6	9/29-10/5	<p><b>Required Readings:</b> Our Earliest Humans – Read Chapter 5, including the Case Study: pp. 111 through 137.  <b>Take Quiz 5 - Due 10/5 before midnight.</b></p>
7	10/6-10/12	<p><b>Required Readings:</b> Our Earliest Humans – Read Chapter 5's Reading 5, <i>Born in Africa: The Quest for the Origins of Human Life.</i> (pp. 138-143).  <b>Writing Assignment 2: what does it means to be in the genus <i>Homo</i>. Consider the different fossils and why one may want their fossil to be classified in this genus? Due 10/12 before midnight.</b></p>
8	10/13-10/19	<p><b>Required Readings:</b> Humans Disperse: <i>Homo erectus</i> and Sibling Species – Read Chapter 6 (including the Case Study), pp. 145-160.</p>

Module	Date	Topics, Readings, Assignments, Deadlines
		<p><b>Take Quiz 6 - Due 10/19 before midnight.</b></p> <p><i>Optional Reading 6: The Hobbit Trap: How New Species are Invented.</i> (pp. 160-163)</p>
9	10/20-10/26	<p><b>Writing Assignment 3: Considering Case Study (pp. 151-152), Why do you think that there is only one species of human left? Due 10/26 - before midnight</b></p>
10	10/27-11/2	<p><b>Required Readings:</b> Almost Ourselves: Archaics and the Arrival of <i>Homo sapiens sapiens</i> – Read Chapter 7 (including the Case Study), pp. 165-183.</p> <p><b>Take Quiz 7 - Due 11/2 before midnight.</b></p>
11	11/3-11/9	<p><b>Required Readings:</b> Almost Ourselves: Archaic and the Arrival of <i>Homo sapiens sapiens</i> – Read Chapter 7’s Reading 7 (pp. 184-192): <i>Human Origins: Out of Africa.</i></p> <p><b>Writing Assignment 4: Considering the Reading 7 and the chapter 7 (pp. 175-179). Are you an Out-of-Africanist, a Multi-regionalist? Where do Neanderthals fit in? Due 11/9 - before midnight</b></p>
12	11/10-11/16	<p><b>Required Readings:</b> Modern Human Variation – Read Chapter 8 (including the Case Study), pp. 195-214.</p> <p><b>Take Quiz 8 - Due 11/16 before midnight.</b></p> <p><i>Optional Reading:</i> <a href="https://floridapress.blog/2018/01/29/human-variation-more-than-skin-deep/">https://floridapress.blog/2018/01/29/human-variation-more-than-skin-deep/</a></p>
13	11/17-11/23	<p><b>Required Readings:</b> Read Chapter 8’s Reading 8: <i>Change We Can Believe In</i> (pp. 214-219).</p> <p><b>Writing Assignment 5: Considering Reading 8. Do you think that humans are still evolving and if so, are we all evolving in the same direction or apart? Explain. Due 11/23 - before midnight</b></p> <p><i>Optional reading:</i> <a href="https://libertyunbound.com/what-to-be-thankful-for/">https://libertyunbound.com/what-to-be-thankful-for/</a></p>
14	11/29-12/6	Prepare for Final Exam
15	12/9	<b>Final Exam</b>