

**San José State University**  
**Social Sciences/Anthropology**  
**ANTH 012-01, Introduction to Human Evolution, Fall 2011**

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Office Hours:	TuTh 1-2:30 p.m.
Class Days/Time:	MW 10:30-11:45 a.m.
Classroom:	WSQ 004
GE/SJSU Studies Category:	B2/Life Science

### **Course Description**

This course explores the human organism from an evolutionary perspective, as well as the fundamentals of modern biology and evolutionary theory, genetics and heredity, primate diversity and behavior, and the fossil record for human origins and biocultural evolution. The course is an introductory one; thus, no specific prior knowledge is assumed. There are no prerequisites to take this course.

### **Course Goals and Student Learning Objectives**

At a general level, this course is primarily about the nature of the evolutionary process, how it works, and how scientists have come to understand the process (specifically to understand ourselves). The evidence relating to human evolution is used to illustrate evolutionary and biological processes (such as natural selection, reproduction, heredity, etc). In addressing the fundamental questions relating to human origins, you will be challenged to think critically, apply sound scientific methodologies, understand and assess quantitative data, and communicate your knowledge.

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 material covered this semester, to participate in class discussions, and to relate in assignments how you can apply these concepts to everyday life. The most important contribution this course can make to your education is to provide you with greater ability to think critically, a skill that will contribute permanently to your further education for the remainder of your lifetime.

### **GE/SJSU Studies Learning Outcomes (LO), if applicable:**

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

**LO1** use methods of science and knowledge derived from current scientific inquiry in life or physical science to question existing explanations;

**LO2** demonstrate ways in which science influences and is influenced by complex societies, including political and moral issues; and

**LO3** recognize methods of science, in which quantitative, analytical reasoning techniques are used.

### **Course Content Learning Outcomes:**

Upon successful completion of this course, students should have increased:

1. Understanding of culture as the distinguishing phenomenon of human life, and the relationships of human biology and cultural processes in human behavior and evolution.
2. Awareness of human diversity and the ways in which humans categorize diversity.
3. Knowledge of the significant findings of archaeology, cultural anthropology, and physical anthropology, and familiarity of the important issues in each sub-discipline.
4. Knowledge of the history of anthropological thought and its place in modern intellectual history.
5. Comprehension of migration, colonialism, and economic integration as significant phenomena shaping global society.
6. Ability to access various forms of anthropological data and literature.
7. Awareness of the importance and value of anthropological knowledge in contemporary society, and the ability to apply it to social issues.
8. Knowledge of the research methods of the sub-disciplines of anthropology, and ability to apply appropriate research methods in at least one sub-discipline.
9. Ability to present and communicate anthropological knowledge and the results of anthropological research to different audiences.
10. Knowledge of political and ethical implications of social research.

### Required Texts/Readings:

*Exploring Biological Anthropology: The Essentials, 2/E*

Craig Stanford, John S. Allen, and Susan C. Anton

ISBN-10: 0205705405

ISBN-13: 9780205705405

(This textbook may be used to supplement class lectures; focus on content that pertains to topics covered in class)

*Annual Editions: Physical Anthropology 10/11*

Elvio Angelioni

ISBN-10: 0078127807

ISBN-13: 9780078127809

(This reader contains useful articles that explore specific issues in Physical Anthropology, some of which will appear as content on exams or be necessary for at-home writing assignments; the use of the reader articles is **required** to complete assignments)

### Documentaries:

We will be watching several documentaries throughout the course. Their content will be the part of the test material, and students should take notes during them, or obtain notes from a neighbor if they miss class.

In particular, throughout the course we will be watching episodes of the **PBS series *Evolution***, for which there is a companion website that contains additional information, short videos, and links to dozens of other useful websites: <http://www.pbs.org/wgbh/evolution/index.html>.

In addition, there are two excellent, well-illustrated and very readable books that you will find supplement the lecture and film content of this course very well. Both are available in an inexpensive paperback form and may be useful during exam preparations.

*Evolution: The Triumph of an Idea*, by Carl Zimmer, Harper Perennial, ISBN-10: 0061138401, ISBN-13: 978-0061138409. (This book is also a companion to the PBS Evolution series)

*Smithsonian Intimate Guide to Human Origins*, by Carl Zimmer, Harper Paperbacks, ISBN-10: 0061196673, ISBN-13: 978-0061196676.

### Classroom Protocol:

Please respect your neighbors avoid distracting activities such as talking, eating, or utilizing computers and other electronic devices for anything other than taking notes. Any behavior deemed disruptive to the instructor or other students may result in the student being asked to leave the classroom or being referred to the Judicial Affairs Officer of the University.

## Assignments and Grading Policy

**EXAMS:** There are **three exams** in this course; all exams are **closed-book and closed-note**. Each exam will contain several of **short essay** questions that deal with important course content and require the use of information from lectures, readings, and films. Some topics will be answered by all students, while other topics may be placed into groups, from which students may choose which topics they answer. Each exam will last approximately one hour. Paper will be provided for the exam; students should bring pens with dark ink to write their answers. Exams will feature six topics each. The last exam is NOT comprehensive.

**EXAM MAKE-UP POLICY:** Exams can **ONLY** be made up with **prior arrangement** and a **legitimate and verifiable excuse**. Exams must be made up **within one week** of the original exam date; requests received after the original week of the exam will **not** be considered except in extreme and verifiable circumstances.

**PAPER:** Students will write one **paper, due on the day of the Final Exam**. These papers will combine aspects of essay and research writing and provide you with the opportunity to discuss major ideas or issues in the course and bring your own point of view and analysis to them, but also demonstrate a greater level of knowledge of course content than possible in the test questions. Detailed directions will be provided via email at a later date, so please make sure your registered email address is up to date and you check it regularly. **All papers must be turned in as printed, stapled documents – email is not acceptable. No essay may be turned in after the Final Exam.** Please plan ahead to avoid printing and computer issues on due dates.

**DRAFT REVIEWS OF PAPERS:** Students working ahead who would like feedback on their papers before the final submission deadline are encouraged to request it via email. Responses and feedback will be provided *as my schedule permits*. If time permits, the final class meetings may also be set aside for this purpose.

**PLAGIARISM:** (See Academic Integrity policy below) Any student caught plagiarizing **ANY** element of their papers or exams will receive an **automatic F in the course**. Students having difficulties writing answers should seek help, rather than turn in dishonest work that risks their academic standing.

**PARTICIPATION:** All students are expected to attend class regularly; participation grades will be based on a regular presence in the classroom **and** a demonstrated interest in the course content by asking questions and offering insights when appropriate (in class, outside of class, and via email). I will take attendance regularly for the purpose of learning student names, but this is not the basis for assigning participation grades.

**Grade Breakdown for this course is as follows (subject to change *with* notice):**

Assignment	Points	%
Exam 1	60	20
Exam 2	60	20
Exam 3	60	20
Paper	100	33.33
Participation	20	6.67
<b>Total</b>	<b>300</b>	

**NOTE: ALL EXAMS MUST BE COMPLETED TO PASS THIS COURSE.** In other words, you do **NOT** have the option of skipping **any** exams during the quarter or you will receive an automatic F in the course. All students must demonstrate a passing level of knowledge for all sections of the course.

Writing assignments will be graded in accordance to GE guidelines, which states that “writing shall be assessed for grammar, clarity, conciseness and coherence.” Writing assignments cannot be re-written after they have been graded. Failure to turn in any of the writing will result in an F in the class, regardless of achievement on other portions of the course (this is a university policy on GE courses).

**GRADING:** Grades are given based upon a standard grading scale as follows:

	A	B	C	D	F
+	97-100	87-89	77-79	67-69	
	93-96	83-86	70-76	63-66	0-59
-	90-92	80-82		60-62	

**Grading Policy and Procedures:** To pass this course, you must receive a final grade of D- (60%) or higher.

## UNIVERSITY POLICIES:

### DROPPING A CLASS

Students are responsible for understanding the policies and procedures about add/drops, academic renewal, etc. [Information on add/drops are available at http://info.sjsu.edu/web-dbgen/narr/soc-fall/rec-298.html](http://info.sjsu.edu/web-dbgen/narr/soc-fall/rec-298.html). [Information about late drop is available at http://www.sjsu.edu/sac/advising/latedrops/policy/](http://www.sjsu.edu/sac/advising/latedrops/policy/). Students should be aware of the current deadlines and penalties for adding and dropping classes.

**To drop a class**, go to <http://my.sjsu.edu>

Enter your SJSU ID and Password – you may now use your nine-digit SJSU ID to login to MySJSU. If you are a continuing student and have previously been given a User ID beginning with an uppercase W, you can continue to use this ID to log in.

If you drop a class, you must do so prior to the time you submit payment to ensure that your registration fees are properly assessed.

**Navigate to “Self Service” > Student center > Drop a class**

Click on “Drop Classes”

Click the checkbox next to each class you wish to drop and click “Drop Selected Classes”

Review your selection and click “Finish Dropping”

### Instructor Drops

Instructors are permitted to drop students who fail to attend the first scheduled class meeting and who fail to inform the instructor prior to the second class meeting of the reason for any absence and their intention to continue in the class. Some instructors will drop students who do not meet the stated course prerequisites. However, they are not required to do so. **It is the student's responsibility to make sure classes are dropped.**

### ACADEMIC INTEGRITY:

Students should know that the University's Academic Integrity Policy is available at [http://sa.sjsu.edu/download/judicial\\_affairs/Academic\\_Integrity\\_Policy\\_S07-2.pdf](http://sa.sjsu.edu/download/judicial_affairs/Academic_Integrity_Policy_S07-2.pdf). Your own commitment to learning, as evidenced by your enrollment at San Jose State University and the University's integrity policy, require you to be honest in all your academic course work. Faculty members are *required* to report all infractions to the office of Student Conduct and Ethical Development. The website for Student Conduct and Ethical Development is available at [http://sa.sjsu.edu/judicial\\_affairs/index.html](http://sa.sjsu.edu/judicial_affairs/index.html).

Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person's ideas without giving proper credit) will result in a failing grade and

sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified. If you would like to include in your assignment any material you have submitted, or plan to submit for another class, please note that SJSU's Academic Policy F06-1 requires approval of instructors.

The details below are excerpted from the **official campus policy on Academic Integrity**:

Academic integrity is essential to the mission of San José State University. As such, students are expected to perform their own work (except when collaboration is expressly permitted by the course instructor) without the use of any outside resources. Students are not permitted to use old tests, quizzes when preparing for exams, nor may they consult with students who have already taken the exam. When practiced, academic integrity ensures that all students are fairly graded. Violations to the Academic Integrity Policy undermine the educational process and will not be tolerated. It also demonstrates a lack of respect for oneself, fellow students and the course instructor and can ruin the university's reputation and the value of the degrees it offers.

We all share the obligation to maintain an environment which practices academic integrity. Violators of the Academic Integrity Policy will be subject to failing this course and being reported to the Office of Student Conduct and Ethical Development for disciplinary action which could result in suspension or expulsion from San José State University.

#### **CHEATING:**

At SJSU, cheating is the act of obtaining or attempting to obtain credit for academic work through the use of any dishonest, deceptive, or fraudulent means. Cheating at SJSU includes but is not limited to:

Copying in part or in whole, from another's test or other evaluation instrument;  
Submitting work previously graded in another course unless this has been approved by the course instructor or by departmental policy.  
Submitting work simultaneously presented in two courses, unless this has been approved by both course instructors or by departmental policy.  
Altering or interfering with grading or grading instructions;  
Sitting for an examination by a surrogate, or as a surrogate;  
any other act committed by a student in the course of his or her academic work which defrauds or misrepresents, including aiding or abetting in any of the actions defined above.

#### **PLAGIARISM:**

At SJSU plagiarism is the act of representing the work of another as one's own

(without giving appropriate credit) regardless of how that work was obtained, and submitting it to fulfill academic requirements. Plagiarism at SJSU includes but is not limited to:

The act of incorporating the ideas, words, sentences, paragraphs, or parts thereof, or the specific substances of another's work, without giving appropriate credit, and representing the product as one's own work; and representing another's artistic/scholarly works such as musical compositions, computer programs, photographs, painting, drawing, sculptures, or similar works as one's own.

Students caught engaging in the above actions will receive an **automatic F in the course** and a **report to the Office of Student Conduct and Ethical Development** for further disciplinary action. Students with prior incidents on report may find themselves **suspended or expelled** from the University. **Claiming ignorance of what constitutes cheating or plagiarism is no excuse.** If you are in doubt, ask me for clarification. If you are genuinely having difficulties completing assignments, you are better off being honest (to you and me) then you are trying to cheat and hoping to get away with it.

More information can be found on the campus website section for Office of Student Conduct and Ethical Development:

[http://sa.sjsu.edu/judicial\\_affairs/index.html](http://sa.sjsu.edu/judicial_affairs/index.html)

## **STUDENTS WITH DISABILITIES:**

### **Campus Policy in Compliance with the American Disabilities Act**

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. **Presidential Directive 97-03** requires that students with disabilities requesting accommodations must register with the **DRC (Disability Resource Center)** to establish a record of their disability. I will work with the DRC to assist you based upon their recommendations. I am not authorized to make assessments of personal situations regarding disabilities, and request that you *prepare well in advance* for any special needs you may have, particularly for taking exams. You can find more information on SJSU's policies and the programs available, as well as your rights at: <http://www.drc.sjsu.edu/>



## ANTH 12-01, Introduction to Human Evolution, Fall 2011 Course Schedule

This schedule is subject to change with fair notice; students will be notified in class and through email, and provided with an updated schedule as soon as possible.

WEEK	DATE	ACTIVITY
1	8/24	Course Introduction
2	8/29	Anthropology, Biology, and Science <b>Readings:</b> Stanford, Chapter 1
2	8/31	Anthropology, Biology, and Science <b>Readings:</b> Stanford, Chapter 2
3	9/5	<b>LABOR DAY – NO CLASS MEETING</b>
3	9/7	Basic Biology and Genetics <b>Readings:</b> Stanford, Chapter 3 <b>Film:</b> PBS Evolution, <i>Why Sex?</i>
4	9/12	Basic Biology and Genetics <b>Readings:</b> Stanford, Chapter 3
4	9/14	Basic Biology and Genetics <b>Readings:</b> Stanford, Chapter 3
5	9/19	Evolutionary Processes <b>Readings:</b> Stanford, Chapter 4 <b>Film:</b> PBS Evolution, <i>Great Transformations</i>
5	9/21	Evolutionary Processes <b>Readings:</b> Stanford, Chapter 4
6	9/26	Evolutionary Processes <b>Readings:</b> Stanford, Chapter 5 <b>Film:</b> PBS Evolution, <i>Extinction!</i>
6	9/28	Evolutionary Processes <b>Readings:</b> Stanford, Chapter 5

WEEK	DATE	ACTIVITY
7	10/3	<b>EXAM 1</b>
7	10/5	Evolutionary Processes <b>Readings:</b> Stanford, Chapter 5
8	10/10	Primates and Primatology <b>Readings:</b> Stanford, Chapter 7
8	10/12	Primates and Primatology <b>Readings:</b> Stanford, Chapter 7 <b>Film:</b> <i>A Lemur's Tale</i>
9	10/17	Primates and Primatology <b>Readings:</b> Stanford, Chapter 8
9	10/19	<b>NO CLASS MEETING</b>
10	10/24	<b>NO CLASS MEETING</b>
10	10/26	Primates and Primatology <b>Readings:</b> Stanford, Chapter 7 <b>Film:</b> <i>People of the Forest: The Chimps of Gombe (Pt. 1)</i>
11	10/31	Primates and Primatology <b>Readings:</b> Stanford, Chapter 8 <b>Film:</b> <i>People of the Forest: The Chimps of Gombe (Pt. 2)</i>
11	11/2	Paleoanthropology and Hominid Evolution <b>Readings:</b> Stanford, Chapter 9
12	11/7	Paleoanthropology and Hominid Evolution <b>Readings:</b> Stanford, Chapter 10, 11
12	11/9	Paleoanthropology and Hominid Evolution <b>Readings:</b> Stanford, Chapter 12

WEEK	DATE	ACTIVITY
13	11/16	<b>EXAM 2</b>
14	11/21	Origin, Spread, and Adaptations of <i>Homo sapiens</i> <b>Readings:</b> Stanford, Chapter 13
14	11/23	Origin, Spread, and Adaptations of <i>Homo sapiens</i> <b>Readings:</b> Stanford, Chapter 7
15	11/28	Origin, Spread, and Adaptations of <i>Homo sapiens</i> <b>Readings:</b> Stanford, Chapter 14 <b>Film:</b> PBS Evolution, <i>The Evolutionary Arms Race</i>
15	11/30	Origin, Spread, and Adaptations of <i>Homo sapiens</i> <b>Readings:</b> Stanford, Chapter 15
16	12/5	Paper Workshop
16	12/7	Paper Workshop
17	12/12	<b>FINAL EXAM (Exam 3)</b> 9:45 a.m.- 12 p.m. <b>Assignment:</b> Paper Due