

# ANTHRO-1

## Introduction to Biological Anthropology

Santa Rosa Junior College – Petaluma Campus

Fall 2018, Section: 1330

**Instructor:** Dr. Nicole Wilson, email: [nwilson@santarosa.edu](mailto:nwilson@santarosa.edu)

**Course Dates & Times:** M/W 12:00-1:30pm

**Room:** PC 639

**Office Hours:** Mondays 4:30-5:30pm (Santa Rosa Campus, Emeritus 1594) AND Wednesdays 1:45-2:45pm (Petaluma Campus, PC 242)



The study of human evolution and humans as organisms, with an emphasis on a biocultural approach. This is an introductory, broad survey course that covers the history and modern synthesis of evolutionary theory; studies primate behavior and comparative anatomy; examines dating techniques and the fossil record; and critically assesses past and future human/environmental relationships including issues concerning future adaptation.

Course Outline of Record:

[https://portal.santarosa.edu/SRWeb/SR\\_CourseOutlines.aspx?mode=1&CVID=36469&Semester=20167](https://portal.santarosa.edu/SRWeb/SR_CourseOutlines.aspx?mode=1&CVID=36469&Semester=20167)

### STUDENT LEARNING OUTCOMES:

As a result of successful completion of this course, a student will be able to:

1. Discuss the fundamental concepts of evolutionary theory, including the various mechanisms of evolution, including natural selection, genetic mutation, gene flow, genetic drift and emerging studies of epi-genetic influences.
2. Apply anthropological vocabulary and concepts to evaluate alternate phylogenies of ancient primates within a framework of evolutionary theory.
3. Analyze contemporary issues of primate evolution and survival; human health and medicine; human impacts on environments and future primate adaptation.

**Required Texts:**

2017. Larsen, Clark Spencer. *Our Origins: Discovering Physical Anthropology (Fourth Edition)*. W.W. Norton

**Course Requirements:**

Your grade will be based on a combination of attendance/class participation, weekly reading responses, and three examinations (multiple choice, true/false, fill-in, and short answer)

**Participation/Attendance** = Engage in class discussions and in-class group work. Come prepared having read material carefully.

**Reading Quizzes** = You are expected to read the assigned pages BEFORE each class session. To ensure that you are keeping up with the material, there will be periodic reading quizzes on assigned readings. They will be administered at the beginning of class. The quizzes will be multiple choice, true/false and/or fill-in and will be approx. 10 questions.

**Exams (1-3)** = Multiple choice, true/false, fill-in and short answer (approx. 100 points each)

**Extra Credit:** You will be allowed to complete up to (3) extra credit assignments at (5) points each, for a total of (15) points added to your lowest exam score. These extra credit opportunities will be discussed in more detail in class.

**Late Work:** I will not accept late or incomplete work unless extraordinary circumstances develop.

**Attendance:** You are expected to attend class regularly. You are allowed **ONE** unexcused absence before your grade is affected. You must bring a doctor's note for absences due to illness. If you miss a class on a day when an exam takes place and have a legitimate excuse (i.e. doctor's note), you will be allowed to schedule a make-up exam.

**Academic Integrity:**

I take academic integrity and issues around intellectual property very, VERY seriously. Santa Rosa Junior College holds students accountable for the integrity of the work they submit. Students should be familiar with the policies for academic integrity and know that it is their responsibility to learn about instructor and general academic expectations with regard to proper citation of sources in written work. The policy also governs the integrity of work submitted in exams and assignments as well as the veracity of signatures on attendance sheets and other verifications of participation in class activities. Serious sanctions can result from academic dishonesty of any sort. For more information and the complete policy, see the college's website, specifically,

<http://www.boarddocs.com/ca/santarosa/Board.nsf/Public?open&id=policies#>

If I find that you violated the integrity policy, you will receive an F on that assignment, possibly for the course.

**Drop/Add Deadlines:**

- 8/26/18 - Last day to **register/add** without an instructor’s signature or add code
- 9/2/18 - Last day to **drop** a semester-length class and be eligible for a refund.
- 9/9/18 - Last day to **register/add** with an instructor’s signature or add code
- 9/9/18 - Last day to **drop** a class without a “W”
- 9/30/18 - Last day to opt for pass/no pass
- 11/18/18 -Last day to **drop** a class with a “W”

**Academic Accommodations:**

If you need disability related accommodations for this class, please provide the Authorization for Academic Accommodations (AAA letter) from the Disability Resources Department (DRD) to the instructor as soon as possible. If you have not received authorization from DRD, please contact them directly. DRD is located in Analy Village on the Santa Rosa campus, and Jacobs Hall on the Petaluma Campus.

**Behavior During Class:** I expect you to come to class with an open mind and ready to learn. It can be challenging to consider humans from a strictly *scientific* standpoint, but other perspectives are outside the scope of this class. I expect you to be supportive of your fellow classmate’s questions and comments.

**Class Disruptions:** We are all adults. I expect appropriate behavior during class. This means your cell phone is on “silent” and is kept in your pocket or bag during class. **IF I SEE YOU USING YOUR PHONE DURING CLASS, YOU WILL RECEIVE A “0” FOR THAT DAY’S ATTENDANCE.** This also means that your headphones or cell phone earpieces are removed from your ears, you are awake, you are not reading (including the textbook), you are not chatting with your classmates while I am lecturing, and you are using laptops appropriately during class (only for note-taking). Everyone deserves an uninterrupted learning experience, so please do your part. I also expect you to arrange childcare for your children and to not bring them into class.

**Grade Percentage Breakdown:**

Attendance/Participation:	10%
Reading Quizzes:	15%
Exam #1:	25%
Exam #2:	25%
Exam #3:	25%

**Grading Scale:**

90-100	A
80-89	B
70-79	C
60-69	D
Below 60	F

## Class Schedule

### Week One:

August 20 Welcome, Course Requirements  
August 22 What is Biological Anthropology?  
*Reading:* Larsen Chap. 1

### Week Two:

August 27 Evolutionary Theory  
*Reading:* Larsen Chap. 2  
*Quiz:* Larsen Chap. 2  
August 29 Evolutionary Theory  
*Film:* *What Darwin Didn't Know* (BBC)

### Week Three:

September 3 **NO CLASS - HOLIDAY**  
Biological Basis of Life  
*Reading:* Larsen Chap. 3  
*Quiz:* Chapter 3  
September 5 Biological Basis of Life  
*Activity:* Protein Synthesis Match-up

### Week Four:

September 10 Heredity and Evolution  
*Reading:* Larsen Chap. 4  
*Quiz:* Chapter 4  
September 12 Heredity and Evolution

### Week Five:

September 17 Heredity and Evolution  
*Film:* *Pandora's Box – Jim Watson and the Future* (2004 NOVA)  
September 19 Human Variation  
*Reading:* Larsen Chap. 5  
*Quiz:* Chapter 5

### Week Six:

September 24 Human Variation  
*Reading:* "Three Questions About Race, Human Biological Variation and Racism"  
Exam Review  
September 26 Exam #1

### Week Seven:

October 1 Primate Behavior  
*Reading:* Larsen Chap. 6  
*Quiz:* Chapter 6  
October 3 Primate Behavior

**Week Eight:**

October 8 Primate Behavior  
*Reading:* Larsen Chap. 7  
*Activity:* Primate Match-up  
*Quiz:* Chapter 7  
October 10 Fossils/ Paleanthropological Dating  
*Reading:* Larsen Chap. 8

**Week Nine:**

October 15 Fossil Primates  
*Reading:* Larsen Chap. 9  
*Quiz:* Chapter 9  
October 17 Fossil Primates

**Week Ten:**

October 22 Early Hominin Evolution  
*Reading:* Larsen Chap. 10  
*Quiz:* Chapter 10  
October 24 Early Hominin Evolution  
*Film:* *Dawn of Humanity* (NOVA 2015)

**Week Eleven:**

October 29 Early Hominin Evolution  
October 31 Exam Review

**Week Twelve:**

November 5 Exam #2  
November 7 Early *Homo*  
*Reading:* Larsen Chap. 11  
*Quiz:* Chapter 11

**Week Thirteen:**

November 12 **HOLIDAY – NO CLASS**  
November 14 Early *Homo*  
*Film:* *Becoming Human* (NOVA)

**Week Fourteen:**

November 19 Archaic and Modern Humans  
*Reading:* Larsen Chap. 12  
*Quiz:* Chapter 12  
November 21 Archaic and Modern Humans  
*Film:* *Decoding Neanderthals* (2013 NOVA)

**Week Fifteen:**

November 26 Archaic and Modern Humans  
November 28 Peopling the Americas  
*Reading:* TBD  
*Quiz:* Supplemental Reading

**Week Sixteen:**

December 3

December 5

Peopling the Americas

The Agricultural Revolution

*Reading:* Larsen Chap. 13

*Quiz:* Chapter 13

**Week Seventeen:**

December 10

December 12

The Agricultural Revolution

Our Evolutionary Future

*Reading:* Larsen Chap. 14

Exam Review

**Final Exam: Wednesday, December 19<sup>th</sup>, 10:00-12:45pm in PC 639**