Syllabus for ANTH 1B: Introduction to Biological Anthropology Lab

Course Information

Semester & Year: Spring 2022
Course ID & Section #:   ANTH 1B V2565
Instructor's name: Jennifer L. Price, Ph.D.
Location: Distance Education
Number of units: 1.0

Instructor Contact Information

Email address: jennifer-price@redwoods.edu

Catalog Description

This laboratory course is offered as a supplement to Introduction to Biological Anthropology either taken concurrently or in a subsequent term. Laboratory exercises are designed to introduce students to the scientific method and explore genetics, human variation, human and non-human primate anatomy and behavior, the primate/hominin fossil record and other resources to investigate processes that affect human evolution. NOTE: Students enrolled in ANTH 1 are not required to take ANTH 1B. However, any student seeking the AA degree in Anthropology or seeking to transfer for a BA in Anthropology should take this lab course. ANTH 1B may only be taken by students who have successfully completed ANTH 1 or students concurrently enrolled in ANTH 1.

Course Student Learning Outcomes

• Identify anatomical and behavioral features of non-human primates, early hominins, and anatomically modern humans.
• Apply the scientific method.
• Describe and demonstrate how human traits are inherited.
• Describe the biological and behavioral adaptations of the genus *Homo*.

Prerequisites/Co-Requisites/Recommended Preparation

ANTH 1 Introduction to Biological Anthropology or ANTH 1H Introduction to Biological Honors. *Students must have taken, or be concurrently enrolled in*, the lecture portion of the course in order to understand the larger context for, and explanation of, activities being conducted in this lab.

Accessibility

College of the Redwoods is committed to making reasonable accommodations for qualified students with disabilities. If you have a disability or believe you might benefit from disability-related services and accommodations, please contact your instructor or Disability Services and Programs for Students (DSPS). Students may make requests for alternative media by contacting DSPS based on their campus location:

• Eureka: 707-476-4280, student services building, 1ˢᵗ floor
• Del Norte: 707-465-2324, main building near library
• Klamath-Trinity: 530-625-4821 Ext 103

If you are taking online classes DSPS will email approved accommodations for distance education classes to your instructor. In the case of face-to-face instruction, please present your written accommodation request to your instructor at least one week before the needed accommodation so that necessary arrangements can be made. Last minute arrangements or post-test adjustments usually cannot be accommodated.

Admissions Deadlines & Enrollment Policies

Spring 2022 Dates
- *Classes begin: 01/15/22*
- *Last day to add a class: 01/21/22*
- *Martin Luther King, Jr's Birthday (all campuses closed: 01/17/22*
- *Last day to drop without a W and receive a refund: 01/28/22*
- *Census date (or 20% into class duration): 01/31/22*
- *Last Day to file P/NP (only courses where this is an option) 02/11/22*
- *Lincoln's Birthday (all campuses closed): 02/18/22*
- *Presidents Day (all campuses closed): 02/21/22*
- *Last day to petition to graduate or apply for certificate: 03/03/22*
- *Spring Break (no classes): 03/14/22-03/19/22*
- *Last day for student-initiated W (no refund): 04/01/22*
- *Last day for faculty-initiated W (no refund): 04/01/22*
- *Final examinations: 05/07/22-05/13/22*
- *Semester ends: 05/13/22*
- *Grades available for transcript release: approximately 05/30/22*

Students who have experienced extenuating circumstances can complete and submit the ***Excused Withdrawal Petition*** to request an Excused Withdrawal (EW) grade instead of the current Withdrawal (W) or non-passing (D, F & NP) grades. The EW Petition is available from the [Admissions and Records Forms Webpage](). Supporting documentation is required.

Support for online learners during COVID-19

In response to COVID-19, College of the Redwoods moved the majority of its courses online to protect health and safety. As the faculty and students adjust to this change, clear communication about student needs will help everyone be successful. Please let me know about any specific challenges or technology limitations that might affect your participation in class. I want every student to thrive.

Academic dishonesty

In the academic community, the high value placed on truth implies a corresponding intolerance of scholastic dishonesty. In cases involving academic dishonesty, determination of the grade and of the student's status in the course is left primarily to the discretion of the faculty member. In such cases, where the instructor determines that a student has demonstrated academic dishonesty, the student may receive a failing grade for the assignment and/or exam and may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500]()) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog]() and on the [College of the Redwoods website]().

Disruptive behavior

Student behavior or speech that disrupts the instructional setting will not be tolerated. Disruptive conduct may include, but is not limited to: unwarranted interruptions; failure to adhere to instructor's directions; vulgar or obscene language; slurs or other forms of intimidation; and physically or verbally abusive behavior. In such cases where the instructor determines that a student has disrupted the educational process, a disruptive student may be temporarily removed from class. In addition, the student may be reported to the Chief Student Services Officer or designee. The Student Code of Conduct ([AP 5500]()) is available on the College of the Redwoods website. Additional information about the rights and responsibilities of students, Board policies, and administrative procedures is located in the [College Catalog]() and on the [College of the Redwoods website]().

Inclusive Language in the Classroom

College of the Redwoods aspires to create a learning environment in which all people feel comfortable in contributing perspectives to classroom discussions. It therefore encourages instructors and students to use language that is inclusive and respectful.

Setting Your Preferred Name in Canvas

Students have the ability to have an alternate first name and pronouns to appear in Canvas. Contact Admissions & Records to request a change to your preferred first name and pronoun. Your Preferred Name will only be listed in Canvas. It does not change your legal name in our records. See the Student Information Update form.

Canvas Information

This course is conducted exclusively on Canvas. You are required to log into the Canvas class site at least **three times per week**, but you get to choose when you log into class. This class is NOT self paced. In other words, we will all be working through the class together and you have due dates for required readings, laboratory exercises, discussions, and exams. Some of your laboratory exercises are group activities, so **your fellow students are depending upon your regular and timely participation.**

- Log into Canvas
- Password is your 8 digit birth date
- For tech help, email its@redwoods.edu or call 707-476-4160
- Canvas Help for students
- Quest for Online Success Workshop

Computer Skills:

Online courses require adequate computer skills. You must be able to:

- navigate the course Learning Management System (Canvas)
- receive and respond to your CR email and Canvas Inbox messages
- download and upload files to Canvas
- use a word processor program (such as Word, Pages, or Google Docs)
- save/convert files to PDF
- open and read pdf documents
- watch lecture videos and other class videos

Technology Requirements (computer, other hardware, and software):

- Computers: You should plan on doing the majority of your work (especially exams and assignments) from a reasonably recent model notebook or desktop computer (Mac or PC). Do NOT plan to participate in this class solely from a portable device.

- Portable Devices: You can use recent model portable devices (such as Android or iOS phones & tablets) for some things in this class. If you do decide to use your portable device for some of your class work, use the free Canvas app (called "Canvas by Instructure") available in iTunes (for iOS) and the Google Play Store (for Android).

- Do not try to connect to Canvas using a web browser on a portable device. Your experience with Canvas will be a lot better using the app.

- High-speed internet: You should have high-speed internet (such as broadband) service from cable, DSL, or satellite providers as there are films as part of this course, and they require this speed. You need to have reliable access to the internet for the duration of the course. Anticipate problems with your computer and internet

access (including power outages) by not waiting until the last minute to submit lab exercises and discussions. It is your responsibility to meet the class deadlines.

- Browsers - You will need to use the most recent version of one of the following browsers in order to best access the course and activities: Mozilla Firefox (10 or higher), Chrome (54.0.2840.99 m or higher), or Safari (1.2 or higher). **Do not use Internet Explorer as it does not work properly with Canvas.**

- Acrobat Reader – Adobe Acrobat Reader DC is a free program that will allow you to read and download pdf files. While you can read any PDFs within the class site without downloading them, you may wish to download them.

Community College Student Health and Wellness

Resources, tools, and trainings regarding health, mental health, wellness, basic needs and more designed for California community college students, faculty and staff are available on the California Community Colleges [Health & Wellness website](#).

[Wellness Central](#) is a free online health and wellness resource that is available 24/7 in your space at your pace.

Students seeking to request a counseling appointment for academic advising or general counseling can email counseling@redwoods.edu.

Emergency Procedures / Everbridge

College of the Redwoods has implemented an emergency alert system called Everbridge. In the event of an emergency on campus you will receive an alert through your personal email and/or phones. Registration is not necessary in order to receive emergency alerts. Check to make sure your contact information is up-to-date by logging into WebAdvisor https://webadvisor.redwoods.edu and selecting 'Students' then 'Academic Profile' then 'Current Information Update.'

Please contact Public Safety at 707-476-4112 or security@redwoods.edu if you have any questions. For more information see the [Redwoods Public Safety Page](#).

In an emergency that requires an evacuation of the building anywhere in the District:
- Be aware of all marked exits from your area and building
- Once outside, move to the nearest evacuation point outside your building
- Keep streets and walkways clear for emergency vehicles and personnel

Do not leave campus, unless it has been deemed safe by the campus authorities.

Eureka Campus Emergency Procedures

Please review the [campus emergency map](#) for evacuation sites. For more information on Public Safety go to the [Redwoods Public Safety Page](#). It is the responsibility of College of the Redwoods to protect life and property from the effects of emergency situations within its own jurisdiction.

In the event of an emergency:

1. Evaluate the impact the emergency has on your activity/operation and take appropriate action.
2. Dial 911, to notify local agency support such as law enforcement or fire services.
3. Notify Public Safety 707-476-4111 and inform them of the situation, with as much relevant information as possible.
4. Public Safety shall relay threat information, warnings, and alerts through the Everbridge emergency alert system, Public address system, and when possible, updates on the college website, to ensure the school community is notified.
5. Follow established procedures for the specific emergency as outlined in the College of the Redwoods Emergency Procedure Booklet, (evacuation to a safe zone, shelter in place, lockdown, assist others if possible, cooperate with First Responders, etc.).
6. If safe to do so, notify key administrators, departments, and personnel.
7. Do not leave campus, unless it is necessary to preserve life and/or has been deemed safe by the person in command.

Student Support Services

The following online resources are available to support your success as a student:

- CR-Online (Comprehensive information for online students)
- Library Articles & Databases
- Canvas help and tutorials
- Online Student Handbook

Counseling offers assistance to students in need of professional counseling services such as crisis counseling.

Learning Resource Center includes the following resources for students:

- Academic Support Center for instructional support, tutoring, learning resources, and proctored exams. Includes the Math Lab & Drop-in Writing Center
- Library Services to promote information literacy and provide organized information resources.
- Multicultural & Diversity Center

Special programs available for eligible students include:

- Extended Opportunity Programs & Services (EOPS) provides financial assistance, support and encouragement for eligible income disadvantaged students at all CR locations.
- The TRiO Student Success Program provides eligible students with a variety of services including trips to 4-year universities, career assessments, and peer mentoring. Students can apply for the program in Eureka or in Del Norte
- The Veteran's Resource Center supports and facilitates academic success for Active Duty Military, Veterans and Dependents attending CR through relational advising, mentorship, transitional assistance, and coordination of military and Veteran-specific resources.
- Klamath-Trinity students can contact the CR KT Office for specific information about student support services at 530-625-4821.

ANTH 1B Biological Anthropology Lab Details

Communication with Instructor

Email: jennifer-price@redwoods.edu
Canvas Inbox: Jennifer Price
Phone/Zoom Appointments: Contact me via Canvas Inbox to schedule an appointment
Virtual Office Hours: 9:00 am to 11:00 am PT; you will receive prompt response when communicating via Canvas Inbox during Office Hours.

Please note:

- I am here to help you succeed! It is **important that you communicate with me** if you have any questions or issues.
- **Canvas Inbox is the preferred and fastest method to reach me** for class-related communication. I receive thousands of emails a day, so there is a risk your email may get over-looked.
- You can expect a response to your Canvas Inbox message within 24 hours. I teach Monday through Friday, so if you contact me Friday afternoon, please expect an answer the following Monday.
- I am teaching this course from Austin, Texas, so please remember that I am two hours later than those of you in California. (Note: All times in the Canvas course site are for Pacific Daylight Savings time / Pacific Standard Time—GMT-7).

Required Materials

Textbook:

Soluri, K. Elizabeth and Sabrina C. Agarwal.
   2020. Laboratory Manual and Workbook for Biological Anthropology: Engaging with Human Evolution, 2nd Edition.
   New York: W.W. Norton & Company.

Textbook ISBN: 978-0-393-68068-3

Textbook Format: Any format (eBook, Loose Leaf, or Spiral Bound) is acceptable. I recommend you purchase the eBook as it is less expensive and you will have immediate access to it as well as additional resources provided by the publisher. You will be submitting your labs in Canvas, so you will not need to write in the lab book if you wish to sell it at the end of the course.

Other requirements: Internet and computer access; ability to use Canvas to access materials and post to discussions, upload files, use a word processing program, convert word processing program documents to PDF, read college-level texts.

Evaluation & Grading Policy

This is a 1-unit laboratory requiring at least 3 hours of your time per week on reading/studying/labs. The course consists, in part, of the following:

LECTURES

In addition to reading the assigned lab manual, you are required to read short lectures and view films posted in the Canvas class site under Modules. This material will help you understand the concepts in the lab exercises and the methods for performing your lab exercises.

LABORATORY EXERCISES

You will have a set of lab exercises to do each week. Some of the lab exercises may be done individually or as a group—you may choose if you wish to join a group in doing the exercises. Other lab exercises are in the form of class discussions.

RESEARCH PAPERS

You will write two research papers. The topics are described in the class modules.

EXAMS

You have four exams. They are timed and consist of multiple choice, True/False, matching questions, and short essays. You may **not** use any course material and you may **not** communicate with each other (or anyone else) about the exam. This means you are not allowed to discuss the questions.

EVALUATION

• Laboratories: 400 points
• Biography Paper: 20 points
• Research Report: 80 points
• Exam 1: 50 points
• Exam 2: 50 points
• Exam 3: 50 points
• Exam 4: 50 points

GRADE	POINTS	PERCENT
A	658 - 700	94 - 100%
A-	630 - 657	90 - 93%
B+	609 - 629	87 - 89%
B	588 - 608	84 - 86%
B-	560 - 587	80 - 83%
C+	539 - 559	77 - 79%
C	490 - 538	70 - 76%
D	420 - 489	60 - 69%
F	0 - 419	0 - 59%

LATE LAB, PAPER, AND EXAM POLICY

Late lab and paper submissions will not be accepted unless the student has a reasonable excuse (for example, adding the class late and therefore missing a due date). No late exams will be accepted. Always check to make sure your lab exercises, papers, discussions, and exams have posted successfully.

ATTENDANCE REQUIREMENTS AND DROPPING COURSE

You are required to log into the class site at least **three times per week**. If you fail to log in three times a week for two weeks in a row, you will be dropped from the class for non-attendance.

If you decide to drop this course, you are responsible for contacting the registrar and dropping the course. **DO NOT RELY ON ME DROPPING YOU**. If you do not drop the course, you will be on the final roster and I am required to give you a grade.

Of course, I don't want you to drop. If you are having issues with class, contact me immediately to discuss.

Class Calendar

Topic and Reading Schedule

Week	Topics	Readings
GENETICS AND EVOLUTIONARY THEORY		
One Jan 15	• Introduction to Biological Anthropology Laboratory • LAB 1: Biological Anthropology and the Scientific Method	**Modules: Introduction to Class, Student Resources, Module 1, Scientist Biography Paper** **Lab Manual**: Lab 1
Two Jan 24	• LAB 2: Genetics	**Module 2** **Lab Manual**: Lab 2
Three Jan 31	• LAB 3: Inheritance	**Module 3** **Lab Manual:** Lab 3
Four Feb 7	• LAB 4: Forces of Evolution	**Lab Manual**: Lab 4
MODERN HUMANS		
Five Feb 14	• LAB 5: Introduction to the Skeleton • **EXAM 1 (Labs 1-4)**	**Module 5** **Lab Manual**: Lab 5
Six Feb 21	• LAB 6: Bones of the Skeleton	**Module 6** **Lab Manual**: Lab 6
Seven Feb 28	• LAB 7: Bioarchaeology and Forensic Anthropology	**Module 7** **Lab Manual**: Lab 7
Eight March 7	• LAB 8: Modern Human Variation	**Module 8** **Lab Manual**: Lab 8
PRIMATOLOGY		
Nine March 14	SPRING BREAK	
Ten March 21	• LAB 9: Classification • **EXAM 2 (Labs 5-8)**	**Module 9** **Lab Manual**: Lab 9
Eleven March 28	• LAB 10: Overview of the Living Primates	**Module 10** **Lab Manual**: Lab 10
Twelve April 4	• LAB 11: Primate Behavior	**Module 11** **Lab Manual**: Lab 11

Thirteen April 11	• LAB 12: Comparative Primate Anatomy	**Modules 12, Primate Project** **Lab Manual**: Lab 12
	PALEOANTHROPOLOGY	
Fourteen April 18	• LAB 13: Primate Evolution • **EXAM 3 (Labs 9-12)**	**Module 13** **Lab Manual**: Lab 13
Fifteen April 25	• LAB 14: Identifying the Human Lineage • LAB 15: The Australopithecines and Early Members of the Genus *Homo*	**Modules 14, 15** **Lab Manual**: Labs 14, 15
Sixteen May 2	• LAB 16: Later Members of the Genus *Homo*	**Module 16** **Lab Manual**: Lab 16
Seventeen May 9 (Opens May 6)	• **Exam 4 (Labs 13-16)**	

Lab Exercise and Exam Schedule

Laboratory Exercises/Exams	Date Open	Date Due
Lab 1 Exercises	Jan 15	Jan 24
Scientist Biography Paper	Jan 15	Feb 7
Lab 2 Exercises	Jan 24	Jan 31
Lab 3 Exercises	Jan 31	Feb 7
Lab 4 Exercises	Feb 7	Feb 14
Exam 1 (Labs 1-4)	Feb 14	Feb 21
Lab 5 Exercises	Feb 14	Feb 21
Lab 6 Exercises	Feb 21	Feb 28
Lab 7 Exercises	Feb 28	March 7
Lab 8 Exercises	March 7	March 21
Exam 2 (Labs 5-8)	March 21	March 28
Lab 9 Exercises	March 21	March 28
Lab 10 Exercises	March 28	April 4
Lab 11 Exercises	April 4	April 11
Lab 12 Exercises	April 11	April 18
Research Paper	April 18	April 25
Exam 3 (Labs 13-16)	April 18	April 25
Lab 13 Exercises	April 18	April 25
Lab 14 Exercises	April 25	May 2
Lab 15 Exercises	April 25	May 2
Lab 16 Exercises	May 2	May 9
Exam 4 (Labs 5-8)	May 6	May 13 (FRIDAY)

NOTE: INSTRUCTOR RESERVES THE RIGHT TO ADD, DELETE, AND/OR REVISE THE COURSE AND/OR SYLLABUS. CHANGES WILL BE ANNOUNCED IN THE CANVAS CLASS SITE.