

Human Biology/Anthropology 200gL
THE HUMAN ANIMAL

Lecture schedule

Readings
(S=Stanford text; AE=Annual Editions)

Week 1

M Aug 26: Introduction and perspective

W Aug 28: Science and creationism

S 1,2

No labs this week

Week 2

M Sep 2: Labor Day – No Class

W Sep 4: History of evolutionary thought; genetics

S 3-4; AE
1.1, 1.2

Lab: Introductions: Science and creationism

Week 3

M Sep 9: Forces of Evolution

W Sep 11: What is a species?

S 5
AE 1.4, 1.5

Lab: Review evolutionary principles and readings

Week 4

M Sep 16: More evolutionary theory

W Sep 18: Primate classification; what is a primate?

S6
AE
2.6, 2.7

Lab: Video: primate adaptations

Week 5

M Sep 23: Strepsirhines and monkeys

W Sep 25: The Apes

S 7
Through a

Window

Lab: Discuss *Through a Window*/Exam Review

Week 6

M Sep 30: Chimpanzee behavior

Apes

Planet Without

W Oct 2: **Midterm 1**

Lab: Exam review & Osteology

Week 7

M Oct 7: Primate Conservation

W Oct 9: open

Lab: Osteology & *Planet Without Apes*

S 9A
AE 3.2

Week 8

M Oct 14: Primate Evolution

W Oct 16: The Ape-Human Transition

Lab: Exam Review

S 9B
AE
4.5, 4.6

Week 9

M Oct 21: Bipedalism

10,11,

W Oct 23: Australopithecines/early *Homo*

Lab: Exam review

S
AE 4.3

Week 10

M Oct 28: *Homo erectus*; Brain evolution

12,13, 14

W Oct 30: **MIDTERM 2**

Lab: Review fossils

S
AE 4.6, 5.7

Week 11

M Nov 4: Origins of modern *Homo sapiens*

4.8, 4.9

W Nov 6: Hunter-gatherers; Are we still evolving?

Lab: Discuss readings

AE
S 16

Week 12

M Nov 11: Biomedical anthropology

5.6, 5.9

W Nov 13: Darwinian Medicine

Lab: Discuss readings

S 6, 15; AE

Week 13

M Nov 18: Evolution of Human Behavior

W Nov 20: What is Race?

Lab: Discuss readings

S 16, AE 6.1, 6.2

Week 14

M Nov 25: Culture and Biology

AE 7.1, 7.2

W Nov 27: Thanksgiving, no class
Lab: Exam Review

Week 15

M Dec 2: Good Science and Fake Science

W Dec 4: **Midterm 3**

Summative essay write-up due Dec 13th

University of Southern California
Fall 2019

Human Biology
Dr. Craig Stanford

HUMAN BIOLOGY/ANTHROPOLOGY 200g

THE HUMAN ANIMAL

Course Content: This is a course introducing the student to an evolutionary and biological view of the human species. It is intended to make the student consider and apply the scientific method, and to understand evolution as the central unifying concept in the biological sciences, with humans as our case study subject. We consider natural selection, and how it contributes to the formation of species, biodiversity, and patterns of biological evolution. The student will gain an appreciation for the scope of biological diversity by learning the evolutionary history of the human species.

We begin by surveying the history of evolutionary thought and examining the structure of evolutionary theory. We then survey the Primate order, followed by an examination of the fossil evidence for human evolution. We conclude with a consideration of how evolution may influence the modern human species. Theoretical questions confronting the field in the 21st century are discussed, to familiarize you with the major issues. We will give particular emphasis to evolutionary explanations for the origins of modern humans, to ecological influences on behavior, and to evolutionary implications for the origins of human behavior. The class meets on Mondays and Wednesdays from 2-3:20 in SGM 123.

Office hours: I hold office hours on Mondays and Wednesdays from 1-2 (or by appointment) in the Jane Goodall Center, Hancock (AHF) B10. Enter Hancock by the front door, cross the lobby and walk down the corridor to the right. Take the first stairwell to the basement. E-mail is always the best way to reach me: stanford@usc.edu; I usually respond within a few hours. Please do not contact the TAs or me via social media.

I also post information and random evolutionary thoughts on [twitter@craigstanford7](https://twitter.com/craigstanford7). Course grades, syllabus, announcements and handouts will be posted on Blackboard.

Required Readings:

1. *Biological Anthropology* (Fourth Edition, ISBN 9780134005690 - do not buy the earlier editions) by Stanford, Allen and Antón. Available in hard copy, e-book or digital rental. This text should be used as your source of information to supplement the material presented in class.
2. *Through a Window* by Jane Goodall (ISBN 9780547336954, other editions available too), many used copies available cheaply online.
3. *Planet Without Apes*, by Craig Stanford (Harvard U. Press, 2012), available online, paperback or hardcover.
4. *Annual Editions in Physical Anthropology, 28th Edition* (ISBN 9781260180329, do not buy earlier editions), to be read and discussed in labs.

Lectures: Lecture powerpoints are not posted on Blackboard. If you miss a class or need to see the lecture material again, please do not ask Professor Stanford or a TA; you will need to obtain notes from a classmate.

Labs: Your regular attendance in TA-taught labs is required, and will help to decide final grades. It is very difficult to get an 'A' grade in this course without going to lab every week and participating. The TA's will discuss the readings, review course material, do hands-on learning projects, hold exam reviews, and show videos to supplement the course material. Your lab grade will be assigned on a 10 point scale, 0-10.

Grading: Grading will be done on a total points accumulated basis as follows:

Midterm 1 = 25 %

Midterm 2 = 25 %

Midterm 3 = 25 %

Lab attendance and participation = 20%

Summative paper assignment = 5%

Attendance will be taken in lecture on random dates, and your lecture attendance can affect decisions for borderline grades. Progressive improvement on exams during the semester will also be taken into account.

JEP: I encourage you to participate in the Joint Education Program, which provides an opportunity for you to go into a local public school and teach about human evolution, primate behavior, and the creation-science debate while earning class credit. Your JEP grade (assigned by the JEP coordinator and classroom teacher) will be counted as a 4th midterm grade – JEP students will have 400 exam points instead of 300, with the JEP score converted to the curve of exam grade range. It is then averaged in and worth 100 potential points. You will hear more about JEP early in the semester.

Examinations: All regularly scheduled exams will be a combination of objective and essay questions. Make-up exams will be given only if you have a written, official university excuse, health or activity-related. Be aware that the campus Health Center does not dispense medical excuses. No early makeup exams will be given. Students who are officially excused from scheduled exams will take a make-up administered no more than one week after the class exam date. This makeup will cover the same material, but in a different format - mostly long essays - than the in-class exam.

Note about exams: Letter grades are not assigned on midterms but the mean score and standard distribution will be announced and posted on Blackboard. Your final course grade is based on a normal distribution curve of the cumulative exam point total, with emphasis given to class participation and exam grade improvement during the semester. Because of the curve, students will occasionally receive a final grade that is either slightly higher or lower than any of their 3 exam grades alone predict.

Summative Experience: There will be a final essay assignment due on December 18th. Details will be provided early in the semester.

Statement on Academic Conduct and Support Systems

Academic Conduct:

Plagiarism – presenting someone else’s ideas as your own, either verbatim or recast in your own words – is a serious academic offense with serious consequences. Please familiarize yourself with the discussion of plagiarism in SCampus in Part B, Section 11, “Behavior Violating University Standards” policy.usc.edu/scampus-part-b. Other forms of academic dishonesty are equally unacceptable. See additional information in SCampus and university policies on scientific misconduct, policy.usc.edu/scientific-misconduct.

Support Systems:

Student Health Counseling Services - (213) 740-7711 – 24/7 on call
engemannshc.usc.edu/counseling

Free and confidential mental health treatment for students, including short-term psychotherapy, group counseling, stress fitness workshops, and crisis intervention.

National Suicide Prevention Lifeline - 1 (800) 273-8255 – 24/7 on call
suicidepreventionlifeline.org

Free and confidential emotional support to people in suicidal crisis or emotional distress 24 hours a day, 7 days a week.

*Relationship and Sexual Violence Prevention Services (RSVP) - (213) 740-4900
– 24/7 on call*

engemannshc.usc.edu/rsvp

Free and confidential therapy services, workshops, and training for situations related to gender-based harm.

Office of Equity and Diversity (OED) | Title IX - (213) 740-5086

equity.usc.edu, titleix.usc.edu

Information about how to get help or help a survivor of harassment or discrimination, rights of protected classes, reporting options, and additional resources for students, faculty, staff, visitors, and applicants. The university prohibits discrimination or harassment based on the following protected characteristics: race, color, national origin, ancestry, religion, sex, gender, gender identity, gender expression, sexual orientation, age, physical disability, medical condition, mental disability, marital status, pregnancy, veteran status, genetic information, and any other characteristic which may be specified in applicable laws and governmental regulations.

Bias Assessment Response and Support - (213) 740-2421

studentaffairs.usc.edu/bias-assessment-response-support

Avenue to report incidents of bias, hate crimes, and microaggressions for appropriate investigation and response.

The Office of Disability Services and Programs - (213) 740-0776

dsp.usc.edu

Support and accommodations for students with disabilities. Services include assistance in providing readers/notetakers/interpreters, special accommodations for test taking needs, assistance with architectural barriers, assistive technology, and support for individual needs.

USC Support and Advocacy - (213) 821-4710

studentaffairs.usc.edu/ssa

Assists students and families in resolving complex personal, financial, and academic issues adversely affecting their success as a student.

Diversity at USC - (213) 740-2101

diversity.usc.edu

Information on events, programs and training, the Provost's Diversity and Inclusion Council, Diversity Liaisons for each academic school, chronology, participation, and various resources for students.

USC Emergency - UPC: (213) 740-4321, HSC: (323) 442-1000 – 24/7 on call

dps.usc.edu, emergency.usc.edu

Emergency assistance and avenue to report a crime. Latest updates regarding safety, including ways in which instruction will be continued if an officially declared emergency makes travel to campus infeasible.

USC Department of Public Safety - UPC: (213) 740-6000, HSC: (323) 442-120 – 24/7 on call

dps.usc.edu

Non-emergency assistance or information.