

Anthro 1050

February 20, 2014

Inclass Course Info

Tue/Thu 10:45AM–12:05PM; Stewart 104
Instructor: Alan Rogers & Henry Harpending
TA: Liz Schauerte

Online Course Info

Instructor: Nathan Harris
<https://uonline.utah.edu/canvas>

<http://content.csbs.utah.edu/~rogers/ant1050/index.php>

Evolution of Human Nature

This syllabus is provisional. It will change during the course of the semester. The current version will always be available on the course website.

Course Description Humans differ from other species in many ways—in morphology, in the schedule that governs our maturation, reproduction, and eventual death, and especially in how we behave. This course will ask how these differences have been shaped by evolution. It begins by asking whether evolution really happened at all.

Both versions of the course (lecture and online) will hear the same lectures, do the same readings, and take the same exams. The two versions differ only in that students in the lecture class will hear the lectures in person and take the exams in class, whereas online students will hear lectures as podcasts and take exams online.

At the end of the course, the student will be able to understand how evolution has shaped human behavior and life history.

Teaching and learning methods Lecture and 4 homework exercises.

Readings

<u>Assignment</u>	<u>Symbol</u>	<u>Availability</u>
<i>The Evidence for Evolution</i> , by Alan R. Rogers	EE	bookstore
<i>The Origin of Virtue</i> , by Matt Ridley	OV	bookstore
All other readings		course website

Pod casts All lectures will be podcast, and podcasts are available to students in *both* courses (lecture and online). See the “Lectures, readings, and podcasts” link on the main course webpage listed above.

Be warned: podcasts are treacherous. It is very tempting to put them off until later. In the last few days before an exam, there simply isn’t time. Students who fall into this trap end up with Ds and Es. So if you rely on podcasts, you *must* keep to a schedule.

Course Requirements Grades will be based on two midterms (25 pts each), a final (35 pts), and four exercises (4 pts each). Midterms consist of about 12–14 short-answer questions (answers to be 4 sentences or less) and 30–40 multiple-choice/fill-in questions. The final will be similar, but half again as long. The exam questions will cover material both from lectures and readings. The final is comprehensive, but emphasizes material covered after the second midterm.

Class discussion list All students should enroll in the class email list, which is a place to ask questions about the course (and also to answer them). We often use the list for important announcements involving review sessions, homework, and exams. To enroll, point your browser at <http://lists.csbs.utah.edu>, and follow the link to HumNat.

Additional discussion list for online students Online students may also post questions on the discussion group at the Canvas site, <https://uonline.utah.edu/canvas>. Please use this discussion group only for online-specific questions.

Homework Exercises Details are given in the Exercise Workbook, which is available on the course website (see above). Inclass students will hand exercises in on the dates shown below. Online students will mail theirs in, postmarked by the date shown.

Problems involving inclass exams Inclass students are expected to show up for all exams. Please make vacation plans accordingly. If you are too ill to take the exam, or if there is another emergency, please contact us *before* the exam. Failure to do this will result in a failing grade for that exam.

Online exams For online students, exams will be given using the Canvas system (<https://uonline.utah.edu/canvas>). Exams may be taken within a 24-hour window. Once the exam starts, it must be finished within 70 minutes (for midterms) or 120 minutes (for the final).

Late papers Homework exercises may be handed in late but will get lower grades.

ADA statement The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Olpin Union Building, 581–5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations. All information in this course can be made available in alternative format with prior notification to the Center for DisabilityServices.

Faculty and student responsibilities All students are expected to maintain professional behavior in the classroom setting, according to the Student Code, spelled out in the Student Handbook. Students have specific rights in the classroom as detailed in Article III of the Code. The Code also specifies proscribed conduct (Article XI) that involves cheating on tests, plagiarism, and/or collusion, as well as fraud, theft, etc. Students should read the Code carefully and know they are responsible for the content. According to Faculty Rules and Regulations, it is the faculty responsibility to enforce responsible classroom behaviors, beginning with verbal warnings and progressing to dismissal from class and a failing grade. Students have the right to appeal such action to the Student Behavior Committee.

Contact We are available after class and by appointment. Harris: nathansharris at gmail dot com; Rogers: ST206a, 801-581–5529, rogers at anthro dot utah dot edu. Rogers is not a reliable email correspondent; Schauerte: 734–276–2122, liz dot schauerte at utah dot edu.

Date	Lecture	Reading
Jan 07 T	Introduction	

	09 H	Do species change?	R	EE:chs 1–2
	14 T	Human cultural diversity 1	H	See website
	16 H	Does evolution make big changes?	R	EE:ch 3
	21 T	Can selection explain design?	R	EE:ch 4
		Poor design	R	EE:ch 5
		TRANSPONSON EXERCISE DUE		
	23 H	Islands in the 21st century	R	EE:ch 6
		Has there been enough time?	R	EE:ch 7
	28 T	Did humans evolve?	R	EE:ch 8
		Are we still evolving?	R	EE:ch 9–10
	30 H	Group selection	R	See website
		Frequency-dependent selection	R	See website
Feb	04 T	Evolution of learning	R	See website
		ISOCHRON EXERCISE DUE		
	06 H	EXAM 1		
	11 T	Nepotism	R	See website
	13 H	Sexual selection	R	See website
	18 T	Pleistocene climate	R	See website
		Polygyny and sexual dimorphism	R	See website
	20 H	Evolution of brain size	R	See website
	25 T	Brains and food	R	See website
	27 H	Origin of modern humans	R	See website
Mar	04 T	Admixture between archaics and moderns	R	See website
		SEXUAL DIMORPHISM EXERCISE DUE		
	06 H	Genetics and the European Neolithic	R	See website
	11 T	*** NO CLASS		
	13 H	*** NO CLASS		
	18 T	EXAM 2		
	20 H	Human cultural diversity 2	H	See website
	25 T	Human cultural diversity 3	H	See website
	27 H	Aging	R	See website
Apr	01 T	Conflict between mother and fetus	R	See website
	03 H	Exercise (in class): Prisoner's Dilemma Game	R	EW:5
	08 T	Punishment	R	OV:ch 1–2
		Reciprocity, and reputation	R	OV:ch 3–4
	10 H	Speed of human evolution 1	H	See website
	15 T	Speed of human evolution 2	H	See website
		PD EXERCISE DUE		
	17 H	Ethnocentrism, xenophobia, warfare	R	OV:ch 8–9
	22 T	Conserving resources	R	OV:ch 11–13
Apr	30 W	FINAL EXAM 10:30 AM–12:30 PM		