



Syllabus

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All of the following information is available online. Go to: <http://www.uwyo.edu/bioanth/4215/>

COURSE DESCRIPTION:

Humans and other primates are interconnected. An understanding of non-human primates can help us understand human biological and cultural evolution. In this class, we will explore living and fossil primate diversity, adaptation, and evolution from an anthropological perspective. After an overview of primate basics, we will survey living primate groups, examining their anatomical and behavioral adaptations. Next we will examine the fossil record and the evolution of the various major groups of primates, including the origin of the human branch, the hominines. The last portion of the course will be a seminar-style dialogue on various important and controversial topics related to primates discussed within the context of human/non-human primate interconnectedness. Class format: lectures, discussions, and labs.

READINGS:

TEXTBOOKS

Required

Primate Adaptation and Evolution, 2nd edition. J. G. Fleagle. 1999. Academic.
Fleagle's book offers a good balance between living primates and the primate fossil record.

The Pictorial Guide to Living Primates. N. Rowe. 1996. Pagonias.
This is a wonderfully detailed and illustrated atlas of living primates. It is full of data and references to help with further understanding and research on primates.

ADDITIONAL READINGS

Additional readings for sections 1 and 2 are available online (follow the links on the course website). Additional readings for section 3 will be assigned by the instructor and discussion leaders in advance of discussion sessions.

ONLINE RESOURCES

<http://www.uwyo.edu/bioanth/Primates/>

In addition to the information provided here, the course web site provides a variety of primate-related links, lecture slides and handouts, readings, primate video clips, and other important resources.

COURSE POLICIES:

- Students are expected to attend every session and actively participate in class.
- Make-up exams and extensions will only be given in truly extenuating circumstances. Supporting documentation for such absences is strongly encouraged.
- All students are expected to use their uwyo.edu email accounts and to be able to *effectively* use the web for research (Information Technology at 766-4357 can provide you assistance).



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Evaluation

	Date	4020 % of Grade	5550 % of Grade
Quiz 1	2/13	5%	5%
Exam 1	3/5	20%	15%
Quiz 2	3/26	5%	5%
Exam 2	4/7	20%	15%
Hot-Seat Reaction Paper & Discussion Leadership	TBD	20%	15%
Final Evaluation – Process Drama	5/10	25%	25%
Participation	Every class	5%	5%
Research Paper		-	15%
Topic Due	2/6		
Draft Due	4/9		
Final Paper Due	4/30		

Quizzes. The quizzes are designed to check student progress well before the exams. The quizzes will consist of fill-in-the-blank and short answer questions. The first quiz will cover the first approximate half of Section 1 (Introduction and Survey of Living Primates). The second quiz will cover the first approximate half of Section 2 (Primate Evolution). *Graduate student answers should be exemplary.*

Exams. Each exam covers a single section of the class. Exam 1 covers all of Section 1 (Introduction and Survey of Living Primates), while Exam 2 covers all of Section 2 (Primate Evolution). Exams will comprise fill-in-the-blank, short answer, and essay questions. *Graduate student answers should be exemplary.*

Hot-seat reaction paper & discussion leadership. Each student will be in charge of leading a discussion during Section 3 (Issues). Students will be in charge of selecting appropriate readings on their subject for the entire class and placing the readings on reserve at least four days prior to their discussion day. Discussion leaders will also write a 'hot-seat' reaction paper on the assigned readings & topic which they will provide to the rest of the class at least two days prior to the discussion day. On the discussion day, the discussion leader is in charge of fostering a productive and engaging conversation on the topic. Written evaluations by classmates and a written self-evaluation will be used to grade the discussion leader, although these evaluations will be advisory, not necessarily determining.

Final Evaluation – Process Drama. A process drama is when people act in character to illustrate a concept. For the final evaluation, each student will serve as an expert/advocate in a simulation of a United Nations policy conference on non-human primate and human interconnectedness. A detailed explanation of what to expect and how to prepare for this final evaluation, worth 25% of your course grade, will be provided by the beginning of Week 3

Participation. Productive dialogue requires the participation of all members of the class. Students are expected to positively and actively participate in labs and discussions. Additionally, students are expected to make fair and thoughtful written evaluations of each other's hot-seat reaction papers and discussion leadership.

Research Paper (5550 students, only). You will be required to research and write a significant term paper for this class. Original research and/or meta-research is highly recommended. Topic ideas are due February 6. Not-so-rough drafts are due April 9, while the final versions are due April 30. Typically, a paper should exceed 15 pages. All formatting and citations should follow the "American Journal of Physical Anthropology Guide for Authors" (<http://www3.interscience.wiley.com/cgi-bin/jabout/28130/ForAuthors.html>). All research papers should be submitted to me as email attachments (MS Word document or ".rtf" format only). No hard copies, please!

Fieldtrip (optional). Destination: Denver Zoo and/or Cheyenne Mountain Zoo (Colorado Springs). We need to schedule this for a Saturday. We'll need to discuss this our first week.



Tentative Class Schedule for Anth. 4020-01/5550-01, Spring 2004

SECTION		FLEAGLE	ROWE	Other
1	Introduction and Survey of Living Primates			
1/21 – 1/26	Introduction, taxonomy, evolutionary theory	Ch. 1	pp. 1-11	
1/28 – 1/30	Basic Primate Anatomy	Ch. 2		Travis 2003
2/9 – 2/11	Living Primates: Prosimians	Ch. 3, 8 - 9	pp. 13 – 56	Holloway 2002
2/13	QUIZ 1			
2/16 – 2/20	Living Primates: Monkeys	Ch. 5 - 6	pp. 57 – 206	
2/23 – 3/3	Living Primates: Apes	Ch. 7	pp. 207 - 233	de Waal 1995
3/5	EXAM 1			
2	Primate Evolution			
3/8 – 3/12	Fossil Record, Primate Origins	Ch. 10 – 11, 18		Bower 2002a, 2002b
3/15 – 3/19	Spring Break			
3/22 – 3/24	Fossil Prosimians and Early Anthropoids	Ch. 12 – 13		Bower 1999, 2001, 2003
3/26	QUIZ 2			
3/29 – 4/2	Fossil Platyrrhines and Cercopithecoids	Ch. 14, 16		TBA
4/5 – 4/5	Fossil Apes, Hominin Origins	Ch. 15, 17		Begun 2003
4/7	EXAM 2			
3	Issues			
4/12 – 5/7	Student Led Discussions	-	-	TBA
5/10	FINAL EVALUATION (1:15 – 3:15 p.m.)			