

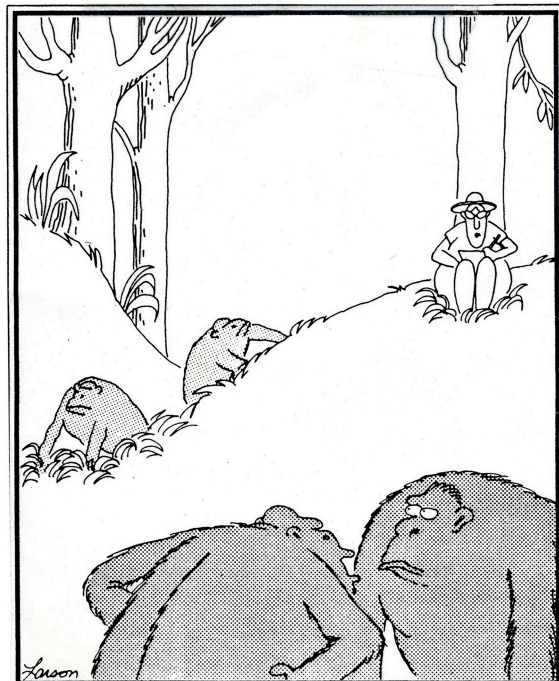
Syllabus
Anthropology 212
LIFE OF PRIMATES
Fall 2020

- Instructor:** Dr. Ryne A. Palombit
palombit@rutgers.edu
Phone: (848) 932-9275
- Teaching Fellow:** Dominique Raboin
dlr235@scarletmail.rutgers.edu
- Sakai Course Website:** This site (LIFE OF PRIMATES F20) will have lecture outlines, readings, announcements, video clips and movies, etc. **You must also use the Sakai site to do the quizzes and submit assignments.** Please use Sakai (not email) to submit questions about course material, schedule, etc. Post your question in the "Forums" area in the section of the area of the Sakai site.
- Prerequisites:** None
- Required Textbooks:** Falk, D. 2000. *Primate Diversity*. W.W. Norton, New York.
Goodall, J. 1971. *In the Shadow of Man*. Houghton Mifflin, Boston.

Core Curriculum Learning Goals

- ✓ Understand and apply basic principles and concepts in the physical or biological sciences.
- ✓ Explain and be able to assess the relationship among assumptions, method, evidence, arguments, and theory in scientific analysis.

Course Description & Objectives: A primary goal is to understand and apply basic principles and concepts in the biological sciences. Students will learn how to explain and assess the relationship among assumptions, method, evidence, arguments, and theory in scientific analysis. We will achieve these aims through a question-oriented survey of the world's living primates in which students will: (1) acquire a broad knowledge of the biology of primates, i.e., their diverse anatomy, behavior, ecology, and mental worlds; (2) gain appreciation of the fact that so many features of living humans—from our bodies to our social behavior to our thinking—cannot be fully understood without comparative reference to nonhuman primates; (3) discover some of the many unanswered questions currently challenging the people who study primates; and (4) develop some understanding for *how we go about answering* the many questions about *why* the myriad primate patterns we see exist as they do.



"Don't shush me—and I don't care if she IS writing in her little notebook; just tell me where you were last night!"

Gary Larson, *The Far Side*

This **3-credit course** is a pre- or co-requisite for upper division courses in primatology, e.g., *Primate Behavioral Ecology* (Anthro 348) and *Primate Behavior and Human Evolution* (Anthro 350).

Technology Requirements

You will need at least a computer and an internet connection for this class. If you would like to take advantage of the *optional* opportunities for "live," synchronous interaction with the Professor and Graduate Student, then a webcam and microphone will be additionally necessary. Please visit the [Rutgers Student Tech](#)

[Guide](#) page for resources available to all students. If you do not have the appropriate technology for financial reasons, please email Dean of Students deanofstudents@echo.rutgers.edu for assistance.

Financial Hardship

If you are facing other financial hardships, please visit the Office of Financial Aid at <https://financialaid.rutgers.edu/>.

Remote “Attendance” of Lectures

This is an Asynchronous Remote course, which means you will view recordings of the lectures online. These recordings will be posted in the **Media Gallery** of the course Sakai site twice a week, on Mondays and Wednesdays, around 3 pm. Sakai will notify you immediately when a lecture is posted. NOTE: Because making and uploading a single 80-minute recording of a lecture is problematical, each lecture will be presented in 2-3 recordings of 25-40 minutes.

Viewing the lectures is crucial for success in the course



Interacting with Us! “Live” In-Person Participation with Professor and Teaching Fellow !

Although this is an Asynchronous course, I’m providing multiple opportunities each week for you to interact “live” and synchronously with me and the graduate student Teaching Fellow. You are not required to do so, and no aspect of your course performance or grade is affected by it, but I *strongly encourage* you to take advantage of these opportunities to do things like ask questions about the lectures or readings, or just chat with us about primates! There are two ways to do so, and both involve using **Zoom** to interact with us, so that we can synchronously see and hear one another.

Interaction Method #1: Drop-In Hours

Each week, the Teaching Fellow and I will do two separate hours of “drop-in” opportunities. These are meetings that can accommodate as many students who wish to join!

Professor Palombit	Dominique Raboin
Drop-In Hour: Tuesdays, 1-2 pm	Drop-In Hour: Wednesday, 10 – 11 am
https://rutgers.zoom.us/j/97440455196	https://rutgers.zoom.us/j/91353736884

Interaction Method #2: Office Hours

Each week, the Teaching Fellow and I will do two separate live opportunities of an “office hour.” These are individual meetings with one student at a time. Thus, this method is better to use than the Drop-In hour for things like talking about your grade in the course. But if you wish to discuss stuff related to the material of the course, please do so in the Drop-In hour, if you can, so that other students can benefit from the participation:

Professor Palombit	Dominique Raboin
Office Hours: Monday, 4-6 pm	Office Hour: Thursday, 2 – 3pm
https://rutgers.zoom.us/j/94947620394	https://rutgers.zoom.us/j/99084829989

NOTE: if you can make one of these office, please email us to organize an appointment at another time.

Interacting with Us! Voice Thread !

Another way to interact with us is not “live” or synchronous, but fantastically useful (and a little bit fun, too). You can use a tool in Sakai, called “Voice Thread,” to *insert into the recordings of the lectures your own questions or comments*, either as a voice file or a text file. The Teaching Fellow or I (or both of us) will respond to your posts, either with another Voice Thread, or I’ll perhaps even address in a future lecture. I’ll distribute instructions about how to use Voice Thread shortly after the semester begins.

Assignment of Grades

1. 7 Quizzes (80% of final course grade)
2. Term Paper: *In the Shadow of Man* (20% of final course grade), **Nov. 22, by 11:55 pm**

Quizzes

There will be 7 **quizzes** during the semester, which, in total, account for 80% of the course grade. Quizzes will occur be posted online in the Sakai site **on Fridays, every 2 weeks** (the one exception to that rule will be at the very end of the semester when, by necessity of scheduling around Thanksgiving, there will be two quizzes separated by one week on December 4 and 11). Each quiz will cover the material for 3 or 4 lectures, which includes assigned readings. Quizzes covering 3 lectures will be worth 10% of the course. Quizzes covering the material on 4 lectures quiz will be worth 12% of the course grade. Here's a summary:

Quiz #	Quiz Date	% of Course Grade	Material Covered in Quiz
1	Sept. 18	10%	1. Evolution Part A: Natural Selection (Adaptation) 2. Evolution Part B: Phylogeny (History) 3. What is a Primate?
2	Oct. 2	12%	1. Meet the Primitive Primates: Lemurs, Lorises, & Bushbabies 2. Meet the Tarsiers & New World Monkeys 3. Meet the Monkeys and Apes 4. Movie: <i>Life in the Trees</i>
3	Oct. 16	10%	1. Moving Bodies Through the World: Primate Locomotion 2. Primate Diets & Feeding 3. The Problem of Altruism: Kin Selection
4	Oct. 30	12%	1. The Problem of Altruism Among Non-Kin (Reciprocity) 2. The Problem of Sex Differences: Sexual Selection Part A 3. The Problem of Sex Differences: Sexual Selection Part B 4. Primate Societies I: Dispersed Societies
5	Nov. 13	12%	1. Primate Societies II A, Multi-Male, Multi-Female Groups: Dominance 2. Primate Societies II B, Multi-Male, Multi-Female Groups: Male & Female Strategies 3. Primate Societies III: Uni-Male, Multi-Female Groups 4. Primate Societies IV: Fission-Fusion Communities; Monogamy
6	Dec. 4	12%	1. Infanticide: Strategy & Counter-strategy 2. Dominance & Hormones 3. Primate Politics 4. Social Minds
7	Dec. 9	12%	1. Language: Primate Roots 2. Cultural Primatology 3. Chimpanzees are from Mars, Bonobos are from Venus 4. Movie: <i>Among the Wild Chimpanzees</i>

Here's how the quizzes work:

- each quiz will have 10-12 multiple choice questions
- each quiz will be posted in the **"Tests & Quizzes" area of the course Sakai site** around 9:00 am on the date indicated above: you will receive an email notification of this posting as it occurs
- from that point in time, you then have 36 hours to log onto the Sakai site and start the quiz (after 36 hours, you will **not be able to take the quiz**)

- when you start the quiz, 10-12 questions will be **randomly drawn** by Sakai from a large pool of questions. Thus, no two students will take the same quiz.
- you will have **15 minutes** to complete the quiz. After 15 minutes, the quiz automatically closes.

Policy Regarding Missed Quiz

If you miss one quiz, the best thing to do is avail yourself of the Extra Credit opportunity, which can count for up to 12% of the final course grade (see below). For other missed quizzes, make-up opportunities are provided for unusual circumstances, which include things like:

- major disturbances caused by a death in the family or a similar loss
- chronic health problems
- extreme emotional or psychological distress
- mandatory court appearances
- the loss of home or means of support

Having exams or work for other courses due on the same day or same week, however, is not a valid reason for a make-up. If you would like to be considered for a makeup assignment for a missed quiz or an extension on the due date, you must fulfill the following two conditions:

1. You must notify the Teaching Fellow or me *via email* **within 48 hours** of the missed quiz.

2. Within **one week** of the missed quiz, you must provide me a valid excuse, documented in writing and signed by an appropriate authority (e.g., physician or your **Dean of Students**). That process can be initiated here: <http://deanofstudents.rutgers.edu/contact-us/>. This document *must refer explicitly to the date of the quiz*.

If **both** conditions are met and the excuse is reasonable, then you will be allowed to do a makeup assignment, which will be either: 1) taking a make-up quiz (either oral or written); or 2) writing a short assignment on a topic or question provided to you.

It is **your responsibility to note the date and time of all quizzes and to plan accordingly**. If you miss a quiz, or any part of it, because you thought it was on a different day or at a different time, you can *not* receive extra time or a make-up assignment. So, **take note now** & mark your calendar, iPod, mobile phone, etc. The dates & times of quizzes are both above and below in the Lecture Schedule.

Term Paper Analysis of *In the Shadow of Man*^{††}:

You will write an essay based upon your reading of Jane Goodall's classic book, *In the Shadow of Man*. Goodall's book is extremely rich in descriptions and anecdotes of chimpanzee behavior. In this essay, you will take episodes of social behavior described in detail by Goodall, and analyze them using the theory for understanding behavioral evolution. This theory is not in Goodall's original book, but will be presented in class lectures and textbook readings. A handout with details about the Extra Credit Assignment will be posted on the course Sakai site later in the semester,



Extra Credit Assignment

Students will be given the opportunity to do an extra credit assignment once during the semester. This assignment will involve reading and briefly summarizing three scientific papers (of your choice) from primate journals (specified by the Instructor). Successful

^{**} Naturally, email me or the Teaching Assistant directly any questions you have about anything concerning you personally in the course (e.g., a grade query).

^{††} Photo: National Geographic Society (H. van Lawick)

fulfillment of the extra credit assignment will allow you to raise the grade of 1 or at most 2 quizzes by up to 12%. A handout with details about the Extra Credit Assignment will be posted on the course Sakai site later in the semester.

Academic Integrity

Rutgers has *zero tolerance* for cheating, plagiarism and other infringements of academic integrity. Consult <http://academicintegrity.rutgers.edu/> and <http://academicintegrity.rutgers.edu/resources-for-students/> to review what constitutes a violation of academic integrity and what sanctions are taken against violators. Plagiarism is particularly relevant for the term paper and extra credit.

Students agree that by taking this course all required written work may be subject to submission for textual similarity review to Turnitin.com (directly or via learning management system, i.e. Sakai, Blackboard, Canvas, Moodle) for the detection of plagiarism. All submitted papers will be included as source documents in the Turnitin.com reference database solely for the purpose of detecting plagiarism of such papers. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

Students who do not agree should contact the course instructor immediately.

Bill Gates Ate My Homework

Computer glitches (such as computers that die, hard disks that crash, flash drives that freeze, etc.) will not be accepted as excuses for failure to do assignments on time, to study for exams, etc. It is your responsibility to ensure that everything you do on a computer is **properly & frequently backed up** so that failure of a computer or drive has *no effect* on your academic performance.

SCHEDULE OF LECTURES & QUIZZES

Here's a rough approach to organizing your week for *Life of Primates* (not including your personal study time for quizzes):

- Monday: Watch the recording of the lecture in the afternoon
Insert Voice Thread comments or questions into the recording of the lecture
- Tuesday: Look over once again the readings assigned for yesterday's lecture
Study the outline for tomorrow's lecture
Read the assigned readings for tomorrow's lecture^{††}
Consider participating in the Drop-In hour in the afternoon!
- Wednesday: Consider participating in the Drop-In hour in the morning!
Watch the recording of the lecture in the afternoon
Insert Voice Thread comments or questions into the recording of the lecture
- Thursday: Look over once again the readings assigned for yesterday's lecture
Study the outline for Monday's lecture
Read the assigned readings for next Monday's lecture
- Friday: If this is a Quiz Friday, take the quiz before the expiration time tomorrow.

Sakai Online Stuff: The following docs will be posted at the course Sakai site:

1. **Outlines for each lecture:** these will be posted in a folder entitled "Lecture Outlines" in the "**Resources**" folder of the Sakai site. The outline will appear on Sakai one lecture period *before* the relevant lecture. *Look over the outline beforehand & bring a print-out of it to lecture.*
2. **Non-textbook Additional Readings:** will be posted in the folder "Readings" in the "**Resources**" folder one week before the lecture for which they are assigned.

^{††} You are expected to do the assigned readings before the relevant lecture.

IMPORTANT: You should *download* all the readings and lecture outlines onto your personal computer as they become available during the semester. Why? Because it for sometimes Sakai to get so much traffic sometimes that it slows way down, and is practically useless at times!

In the Table below, page numbers on their own or references to “Chapters” refer to your textbook by Dean Falk.

DATE	TOPIC	Assigned Reading
Sept. 2	Course Overview and: Why Primates?	None
Sept. 7	Labor Day Holiday	
Sept. 8*	Evolution Part I: Natural Selection (Adaptation)	pp. 18-19, 43-44, 116-117 Weiner, Jonathan. 2005. Evolution in action. <i>Natural History</i> , November, 47-51.
Sept. 9	Evolution Part II: Phylogeny (History)	
Sept. 14	What is a primate?	pp. 1-13, 27 (Neural Note 1), 39-40 (tree shrews) Palombit, Ryne A. 2008. Primates. In: <i>International Encyclopedia of the Social Sciences</i> , 2 nd edition, (W.A. Darity, ed.) pp. 459-462. Macmillan Reference, Detroit: read first section (i.e., the stuff prior to “Dietary Habits”)
Sept. 18	QUIZ #1 (10%)	Covers 3 lectures: (1) Evolution Part I; (2); Evolution Part II; & (3) What is a Primate?
The next three lectures are the MEET THE PRIMATES lectures in which I’ll introduce you to the major kinds of primates. The documentary “Life in the Trees” is an assigned “reading” for these lectures, which will appear online on September 24.		
Sept. 16	Meet the “Primitive” Primates: Lemurs, Lorises & Bushbabies	Chapter 3, pp. 63-78* & Chapter 4* Handout (Sakai): A Taxonomy of Living Primates
Sept. 21	Meet the Tarsiers & New World Monkeys	Chapter 3, pp. 79-84*, Chapter 5* & Chapter 6* Groves, Colin, P. 2017. Prosimian vs Strepsirrhine vs Haplorrhine. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0043 (pp. 1-2). John Wiley & Sons, Inc., New York.
Sept. 23	Meet the Monkeys & Apes of the Old World	pp. 257-264, 277-289, 299-310, 319-326
Sept. 24	Movie: David Attenborough’s “Life in the Trees” goes online for your viewing. Also posted will be the outline “Guide to David Attenborough’s <i>A Life in the Trees</i> ” to use while watching this movie.	
Now that you have met the major primate groups, the course shifts to a “Question-Oriented” approach. We’ll start off with a couple lectures focused on some questions pertaining to Primate Ecology: how do primates use space and foods to “make a living”?		
Sept. 28	Moving Bodies Through the World: Structure & Function in Primate Locomotion	Review relevant material from previous chapters on anatomy & locomotion Youlatos, Dionisios. 2017. Suspensory posture. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0217 (pp. 1-2). John Wiley & Sons, Inc., New York.

* Although this day is a Tuesday, it is treated as a Monday in the University Calendar.

* For each chapter marked with *: (1) read general introductory material at beginning of the chapter; (2) then, for each of the following sections dealing with a particular primate species, just focus on the first few paragraphs dealing with taxonomy, anatomy, where it’s found, etc.; you can *skip material on social behavior*.

DATE	TOPIC	Assigned Reading
Sept. 30	Primate Diets & Feeding	pp. 58-59, 123-124, 160-161, 325 (Box 13) Palombit, Ryne A. 2008. Primates. In: <i>International Encyclopedia of the Social Sciences</i> . In particular, section "Dietary Habits" Deluycker, Anneke M. 2017. Insectivory. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0062 (pp. 1-3). John Wiley & Sons, Inc., New York. Lambert, Joanna. 2017. Frugivory. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0092 (pp. 1-2). John Wiley & Sons, Inc., New York.
Oct. 2	QUIZ #2 (12%)	Covers 3 lectures: (1) Meet the Primitive Primates; (2) Meet the Tarsiers & New World Monkeys; (3) Meet the Monkeys & Apes; <u>AND</u> (4); the Movie "Life in the Trees"
Oct. 5	Open ^{§§}	
The next three lectures will introduce you to THEORIES OF SOCIAL EVOLUTION. It is these three theories that you will use in your term paper on Goodall's book <u>In the Shadow of Man</u>		
Oct. 7	The Problem of Altruism: Kin Selection in Theory & in (primate) Practice	pp. 18-19, 43-44, 54-56. Dawkins, Richard D. 2001. Kin selection and reciprocal altruism. In: <i>Encyclopedia of Mammals</i> , 2nd ed., (D.W. MacDonald, ed.) p. xxxi. Oxford University Press, London. (NOTE: today we will do kin selection; next time we will do reciprocity) Dugatkin, Lee A. 2017. Inclusive fitness. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0008 (pp. 1-2). John Wiley & Sons, Inc., New York.
Oct. 12	The Problem of Altruism Among Non-Kin: Reciprocity in Theory & in (primate) Practice	Wilkinson, Gerald S. 1990. Food sharing in vampire bats. <i>Scientific American</i> , 76:76-82. Wilkinson, Gerald S. 2001. Blood bat donors. In: <i>Encyclopedia of Mammals</i> , 2nd ed., (D.W. MacDonald, ed.) pp. 766-767. Oxford University Press, London. de Waal, Frans B.M. 2005. How animals do business. <i>Scientific American</i> , April 2005, pp. 73-79.
Oct. 14	The Problem of Sex Differences: Mating in Theory & in (primate) Practice Sexual Selection PART A: Intrasexual Selection	pp. 43-44, 48, 50-54 Zuk, Marlene. 2008. Sexual selection theory. In: <i>International Encyclopedia of the Social Sciences</i> (W.A. Darity, ed.) pp. 479-480. Macmillan Reference, Detroit. Paciulli, Lisa M. 2017. Sexual dimorphism. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0486 (pp. 1-4). John Wiley & Sons, Inc., New York.
Oct. 16	QUIZ #3 (10%)	Covers 3 lectures: (1) Moving Bodies Through the World; (2) Primate Diets & Feeding; (3) The Problem of Altruism: Kin Selection
Oct. 19	The Problem of Sex Differences: Mating in Theory & in (primate) Practice Sexual Selection PART B: Mate Choice	<i>Same readings as on Oct. 14</i>

§§ I'll explain what "Open" means in the first lecture on September 2.

DATE	TOPIC	Assigned Reading
Now the course shifts to focus on the amazing DIVERSITY OF SOCIAL SYSTEMS and SOCIAL BEHAVIOR in primates		
Oct. 21	Primate Societies I: <i>Dispersed Social Systems</i>	Chapter 4 ^{***} , pp. 49-50, 285-289 Palombit, Ryne A. 2008. Primates. In: <i>International Encyclopedia of the Social Sciences: section "Social Systems & Behavior"</i> Isbell, Lynne A. 2017. Grouping patterns. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0029 (pp. 1-3). John Wiley & Sons, New York. Maggioncalda, Anne N. & Sapolsky, Robert. 2009. Disturbing behaviors of the orangutan. <i>Scientific American Mind</i> , 20:14-19.
Oct. 26	Primate Societies II A: <i>Multi-male, Multi-Female (Female-Bonded) Groups: Dominance</i>	Chapter 8 [†] , pp. 51-53, 152-156, 236-237, 246-255 Majolo, Bonaventura. 2017. Dominance. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0306 (pp. 1-4). John Wiley & Sons, Inc., New York. Bergstrom, MacKenzie L. 2017. Dominance in females. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0324. John Wiley & Sons, New York.
Oct. 28	Primate Societies II B: <i>Multi-male, Multi-Female (Female-Bonded) Groups: Male & Female Strategies</i>	Smuts, Barbara B. 2001. Friendships between the sexes. In: <i>Encyclopedia of Mammals</i> , 2nd ed., (D.W. MacDonald, ed.) pp. 360-361. Oxford University Press, London. Palombit, Ryne A. 2017. Friendships. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0232 (pp. 1-7). John Wiley & Sons, Inc., New York.
Oct. 30	Quiz #4 (12%)	Covers 4 lectures: (1) The Problem of Altruism Among Non-Kin (Reciprocity); (2) The Problem of Sex Differences: Sexual Selection Part A; (3) The Problem of Sex Differences: Sexual Selection Part B; (4) Primate Societies I: Dispersed Social Systems
Nov. 2	Primate Societies III: <i>One-male, Multi-female Groups</i>	Chapter 7 [†] , pp. 166-167, 192-196, 206-207, 217-219, 308-311, 316 Veit, Peter. 1982. Gorilla society. <i>Natural History</i> , 91 (3): 48-60. Robbins, Martha. 2015. Gorillas. In: <i>The International Encyclopedia of Human Sexuality</i> (P. Whelehan & A. Bolin, eds.), DOI: 10.1002/9781118896877.wbiehs188 (pp. 1-3). John Wiley & Sons, New York.
Nov. 3	Movie: Among the Wild Chimpanzees goes online for viewing. See support readings to right.	Goodall, Jane & Pusey, Anne. 2015. Flo family (chimpanzee). In: <i>The International Encyclopedia of Human Sexuality</i> (P. Whelehan & A. Bolin, eds.), DOI: 10.1002/9781118896877.wbiehs159 (pp. 1-3). John Wiley & Sons, New York. Stanford, Craig B. 2016. Jane Goodall. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0066 (pp. 1-2). John Wiley & Sons, New York.

*** Now go back to the Chapter and for each of the sections on an individual primate species, read the material that deals with *social behavior & social organization* (e.g., mating, social relationships, parenting, aggression)

DATE	TOPIC	Assigned Reading
Nov. 4	Primate Societies IV: <i>Fission-Fusion Communities, Monogamous Pairs</i>	pp. 158-160, 168-170, 264-275 Gibbons, Ann. 1998. Research News: 'Monogamous' gibbons really swing. <i>Science</i> , 280:677-678. Palombit, Ryne A. 2008. Primates. In: <i>International Encyclopedia of the Social Sciences: section "Social Systems & Behavior"</i>
Nov. 4	Infanticide: Male Strategy & Female Counterstrategies	pp. 51, 192-196. Hrdy, Sarah B. 1984. When the bough breaks. <i>The Sciences</i> , 24:44-50. Palombit, Ryne A. 2001. Why primates kill their young. In: <i>Encyclopedia of Mammals</i> , 2nd ed., (D.W. MacDonald, ed.) pp. 392-393. Oxford University Press, London. Robbins, Martha M. 2005. Infanticide in gorillas. In: <i>World Atlas of Great Apes and Their Conservation</i> (J. Caldecott & L. Miles, eds.), pp. 138. University of California Press, Berkeley, California.
Nov. 11	Social Dominance & Hormones	Recall pp. 249-55. Sapolsky, Robert M. 1990. Stress in the wild. <i>Scientific American</i> , January:116-123.
Nov. 13	Quiz #5 (12%)	Covers 4 lectures: (1) Primate Societies II Part A; (2) Primate Societies II, Part B; (3) Primate Societies III; (4) Primate Societies IV; <u>AND</u> the movie "Among the Wild Chimpanzees"
Now the course shifts to focus on BEHAVIORAL COMPLEXITY and the MENTAL WORLDS of primates		
Nov. 16	OPEN	
Nov. 18	Primate Politics?	pp. 27 (Neural Note 1), 57 (Neural Note 2), 289-296, 311-315, 335-338 Byrne, Richard W. & Bates, Lucy A. 2006. Why are animals cognitive? <i>Current Biology</i> , 16:R445-R448. Dunbar, Robin. 2001. Why primates have big brains. In: <i>Encyclopedia of Mammals</i> , 2nd ed., (D.W. MacDonald, ed.) p. 302. Oxford University Press, London.
Nov. 22	Term Paper on Jane Goodall's <i>In the Shadow of Man</i> due on Sakai by 11:55 pm	
Nov. 23	Social Minds: Primate Facebook?	pp. 57, 242, 290 (Neural Note 11) Palombit, Ryne A. Rhesus monkey social cognition.
Nov. 25	<i>No meeting: in the University calendar, today is treated as a Friday; so you will attend Friday classes today</i>	
Nov. 30	OPEN	
Dec. 2	Language: Primate Roots?	pp. 335-337 Seyfarth, Robert M. & Cheney, Dorothy L. 1992. Meaning and mind in monkeys. <i>Scientific American</i> , 267:122-128.
Dec. 4	Quiz #6 (12%)	Covers 4 Lectures: (1) Infanticide Strategy & Counter Strategy; (2) Social Dominance & Hormones; (3) Primate Politics; (4) Social Minds

DATE	TOPIC	Assigned Reading
Dec. 7	Cultural Primatology	<p>pp. 243-246, 319-321, 326-328, 335-337.</p> <p>McGrew, William C. 2017. Grooming hand clasp. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0108 (pp. 1-3). John Wiley & Sons, Inc., New York.</p> <p>Tomasello, Michael. 1997. Human see, human do. <i>Natural History</i>, 106 (8): 45-47.</p> <p>Perry, Susan. 2017. Cultural primatology. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0201. John Wiley & Sons, Inc., New York.</p> <p>Gross, Michael. 2016. Chimpanzees, our cultured cousins. <i>Current Biology</i>, 26:R83-R85.</p>
<p>We conclude the course with a special session devoted exclusively to our very closest relatives in the primate world: the CHIMPANZEE and the BONOBO</p>		
Dec. 9	<p><i>Our Closest Relatives:</i></p> <p><i>Chimpanzees are from Mars, Bonobos are from Venus?</i></p>	<p>pp. 332-333</p> <p>de Waal, Frans B.M. 1995. Bonobo sex and society. <i>Scientific American</i>, 272:82-88.</p> <p>Hohmann, Gottfried. 2015. Bonobos. In: <i>The International Encyclopedia of Human Sexuality</i>, 1st ed. (P. Whelehan & A. Bolin, eds.), DOI: 10.1002/9781118896877.wbiehs0666. John Wiley & Sons, New York.</p> <p>Emery Thompson, Melissa, & Machanda, Zarin P. 2015. Chimpanzees. In: <i>The International Encyclopedia of Human Sexuality</i>, 1st ed. (P. Whelehan & A. Bolin, eds.), DOI: 10.1002/9781118896877.wbiehs088. John Wiley & Sons, New York.</p> <p>Stumpf, Rebecca M. 2017. Chimpanzee and bonobo. In: <i>The International Encyclopedia of Primatology</i> (A. Fuentes, ed.), DOI: 10.1002/9781119179313.wbprim0147 (pp. 1-3). John Wiley & Sons, Inc., New York.</p> <p>Radio interview of Frans de Waal</p>
Dec. 11	Quiz #7 (12%)	Covers 3 lectures: (1) Language: Primate Rots; (2) "Cultural Primatology"; (3) "Chimpanzees are from Mars, Bonobos are from Venus"
Dec. 12	Last day to submit optional Extra Credit Assignment on Sakai by 11:55 pm	

