Primatology

Department of Anthropology • College of Sciences • University of Central Florida

ANT3550C (0M01) Primatology Syllabus

Spring 2019 • 3.0 Credit Hours • Mixed-Mode and Lab

Thursday Lecture: Tuesdays 9-10:15am in HPA1 125;

Tuesday Labs in MSB 149! Lab 1: 9-10:15am; **Lab 2:** 10:30-11:45am; **Lab 3:** 12:00-1:15pm

Professor Contact

Professor: Dr. Sandra Wheeler
Office: Howard Phillips Hall 309F (Main Campus); 407-823-2227
Office Hours: Thursdays 10:30am-12:30pm and by appointment
Contact: Sandra.Wheeler@ucf.edu or Inbox in Webcourses

Graduate Teaching Assistants (GTAs) Contact

GTA: Stephanie Fuehr and Brenna Raisor
Office Hours: TBA
Contact: Discussion Board or Inbox

University Catalogue Description

Study of species from the Order Primates, including their morphology, ecology, behavior, and geographic distribution. Prerequisite(s): One of the following; ANT 2511, BSC 2010C, or C.I.

Course Description

This course examines the natural history and behavior of the nonhuman living primates from evolutionary, ecological, and social perspectives. Topics to be covered include taxonomic diversity, geographic distribution, diet and ecology, functional anatomy, conservation, and aspects of social behavior of living primates. Fossil representatives of the order will also be discussed, and both paleontological and molecular evidence will be used to reconstruct the evolutionary history of primates. Monkey and ape social groupings, male and female interactions, mating patterns and dominance will be discussed with reference to habitat, diet and predation. Additional topics to be explored are primate communication, problem solving and intelligence, hunting, and 'cultural' behavior.

We will explore these various topics through readings from your textbook and readings, as well as through lectures, modules, films, and hands-on lab activities. You will be assessed through labs, exams and final group presentations. The syllabus may be modified, as determined by the instructor. All changes will be announced in class or on Webcourses.

Please Note: We are required to document your academic activity at the beginning of each course due to financial aid issues. In order to document that you began this course, you must complete the **Getting**

Started Required Activity by JAN 10. Failure to do so will result in a delay in the disbursement of your financial aid. And no one wants that.

Learning Outcomes

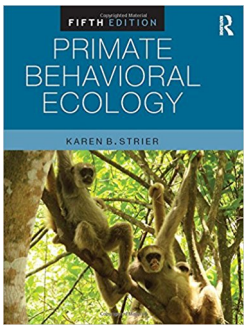
By the end of this course you will:

- Gain a greater understanding of what makes a primate a primate and how primates are classified
- Understand how primatologists conduct fieldwork and research primates in the wild and in captivity
- Identify and distinguish various primates based on their characteristics and behavioral patterns
- Examine the environments in which primates live and how their characteristics are adaptive in different circumstances
- Analyze the dangers to survival facing modern primates around the world and how this concern relates to human ecology and conservation

Required Text

This book is required for this course. I will be using the 5th edition but **you can use the 4th edition** if you can't afford the newest edition. The textbook is available for purchase in the UCF Bookstore and through various online vendors.

Any additional readings outside of your text will be provided electronically (pdf's) in the INTRODUCTION pages of the course modules.



Primate Behavioral Ecology, 5th edition
Author: Karen Strier
Publisher: Routledge
Year: 2017
ISBN: 978-1138954366 (paperback); there are many used copies of the 5th edition available online but you may also use the 4th edition!
I have also placed a copy of the book ON RESERVE IN THE LIBRARY FOR FREE!!

Grading Scale (+/- letter grades)

A	94-100%	B+	87-89%	C+	77-79%	D	60-69%
A-	90-93%	B	84-86%	C	70-76%	F	59% or below
		B-	80-83%				

Many programs require you to earn a “C” or better for this course to count towards your degree! Lucky for you, I don't assign C-!

Student Evaluation

Your final grade for the course is **weighted** and will be based on your performance on the following:

Assignment	Percent	Description
Labs (10)	35%	Hands-on and online activities, short writing responses and worksheets
Quizzes	10%	Module quizzes based on course materials, lowest two quiz scores dropped
Exams (3)	40%	True/false, multiple choice, fill-in-the-blank, primate identification, and short answer questions based on posted readings, videos, and lecture materials
Primate Infographic	15%	Primate infographic on an approved topic relating to primate research, conservation, or other related topic

Lab Assignments: To do well in this course, it is essential to keep up with the lab assignments. You *must* attend Thursday labs **when they are scheduled in MSB 149** as you will not be able to make-up the hands-on labs. **Labs 1-7 are scheduled in MSB 149, Labs 8-10 are completed online.** Please note that MSB 149 only fits 32 people so only attend the lab you signed up for. Labs will consist of hands-on and online activities, short writing responses, and worksheets. The labs will build on the lecture presented in class and will prepare you for the next lecture so it is important to attend and actively participate. Students may work with a lab partner/s in class to complete the lab activities and worksheets, however each student will turn in his/her *own original* work. Lab worksheets are due in class the following week unless otherwise noted. **NOTE:** If you forget to bring your lab worksheet on the due date, you have **one week** to turn in (in person, not electronically) the worksheet portion with a late penalty. After one week past the due date, I will not accept the lab worksheet and **you will receive a zero for the lab.** There will be **no make-ups** for hands-on lab activities. If you miss an in-person lab and you have an excused absence you will be given an alternate assignment (likely a short research paper) to complete. **We will not meet for labs on Exam days!** Lab assignments are worth 35% of your final grade.

Quizzes: There are **14 quizzes** in this course. Each module has an associated quiz based on all the materials presented in that module. Quizzes are online and are made up of true/false, multiple choice, and fill-in-the-blank questions. The lowest two quiz scores are dropped. Quizzes are worth 10% of your final grade.

Exams: There are **three exams** in this course. Exams are **online** and are made up of true/false, multiple choice, primate identification, short answer, and fill-in-the blank questions. There will be **no make-ups** for exams without proper documentation (this means a doctor's note, proof of accident, family emergency, etc.). Once you begin an exam, **you must finish it!** You do not need to take the exam at a testing center. **Take it at home, take it in the library, take it in a coffee shop, take it anywhere, just take it!** The **exams are timed** so if you run over the allotted time, you will be cut off and you will not be able to make up the missed questions. **Important:** Exams close at midnight on the final available date, even if you are still taking it, so make sure you give yourself enough time to complete them (i.e., start taking them well before 10:00 pm on their respective due dates). Exams are worth 40% of your final grade. **The final exam (Exam 3) is online and is scheduled during Final's Week. The final exam is not cumulative.**

Primate Infographic: For this assignment, you will create an infographic on a primate-related topic. There are several different parts to this assignment that will build upon one another to help you produce a finished product. You will upload **your final assignment and provide** comments/feedback on **at least two** other student's assignments to earn full credit. More details on this assignment can be found by accessing the Primate Infographic Module. This Primate Infographic is worth 15% of your final grade.

Primate Field Trip: I will arrange several dates where we will visit the Center for Great Apes in Wauchula, FL. This will likely be on a Friday but I will schedule a few different times during the semester to visit as a class. The Center for Great Apes is a 2-hour drive from UCF, we can car pool to make it easier. These trips are **completely voluntary** and **your grade will not be affected** if you cannot attend. We will discuss this in more detail as the dates get closer.

Weekly Schedule

The following table provides the **weekly cycle of work that you are expected to complete** for this class. The due dates are firm (unless otherwise noted) but this is just a suggestion how to allocate your time reading and completing assignments throughout the week:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
• Exams open 8am • Quizzes due by 11:59pm • Finish module readings	• Finish up lab assignment from previous week • Read module materials	• Attend Labs #1-7 in MSB 149; Labs #8-10 online	• Watch any video or media in modules • Exams close by 11:59pm	• Attend class for lecture • Start review of new module/pages	• Work on lab assignments • Read module material • Review lecture notes	• Dance

What About Make-Up Work?

Students who **represent the university in an authorized event or activity** (for example, student-athletes) and who are unable to meet a course deadline due to a conflict with that event must provide the instructor with documentation in advance to arrange a make-up. No penalty will be applied.

Make-up assignments, quizzes or exams will be given **ONLY** in extreme circumstances such as the birth/arrival of a new baby (hey, there have been several over the years!), bereavement, catastrophe, a primate apocalypse (they may rise up and take revenge), hurricanes, pan-Internet virus, etc. Please note that the make-up quiz/exam may be different than the original quiz/exam. Out-of-town vacations, trips, mild colds, computer malfunctions, power outages, World War Z, and other similar circumstances **do not** qualify as extreme. If you experience an exceptional family emergency or other circumstance that affects your coursework and/or causes you to miss assignments or an exam, please let me know so I can help you. Also contact **Student Care Services** for additional support: https://scs.sdes.ucf.edu/services/

It is your responsibility to contact me. I can't help you unless I know there is a problem.

In exceptional circumstances, an incomplete grade may be given per University policies. Individual arrangements must be made with your professor for the completion of the course requirements, but in no case will the date set extend beyond the end of the following semester. Students who experience chronic medical or personal problems that prevent them from logging in regularly and participating are encouraged to review policies relating to securing a leave of absence from their university studies.

Who Should Take This M- and C- Course?

Who doesn't love primates, right? I find that this course is evenly split among Anthropology, Biology and Psychology students. Many of you are likely taking this class because, well, primates. Others may be taking it because you need a lab course (the C- designation). Either way, primates are awesome and I guarantee you will enjoy this course, especially the hands-on part of it. Keep in mind this is a **mixed mode AND lab course**, so we will have **lecture, online modules AND hands-on and virtual labs** to complete!

The format of this course will consist of **Thursday lectures** followed by **Tuesday hands-on and online lab exercises** so you can learn the bones of the primate skeleton and understand standard primatological methods. All lectures will be in the assigned lecture room, all labs and some lecture will be in MSB 149. Bring a sweater, this room is chilly. **We will not meet for labs during exam weeks!**

You are responsible for **all** material presented in class, labs and on Webcourses. Links to videos, articles and other websites may be provided on Webcourses to supplement the material presented.

The UCF Mobile App!!

The UCF Webcourses mobile app has been greatly improved for your use. Having said that, I would not recommend using the Mobile App to complete any written work if possible and I would definitely not

use it to take any exam! BUT, it is great for checking on grades and announcements, and even listening to your audio lectures (if your class has them)! You should be logging into your 'M' courses a few times a week, and you should preferably be completing your assignments and exams on a laptop or desktop whenever possible!

Course Requirements

This course begins on **MONDAY, JANUARY 6** and ends on **MONDAY, APRIL 20, 2020**. The **Final Exam (Exam 3)** is available during Final's Week, **TUESDAY, APRIL 21 to SATURDAY, APRIL 25, 2020.** Over the course of this semester, you will be expected to:

- Attend all in-class lectures and participate in class discussions
- Review online module materials and assigned readings
- Attend all scheduled labs and complete the required assignments by their due dates
- Complete a primate infographic
- Complete three exams

Please note the due dates carefully. I **do not accept late assignments** unless there is a valid absence (see section on make-up work). You are advised of this from the start, and you should recognize that it is your responsibility to be aware of all due dates for this course.

Important Things

First and foremost, read this syllabus. The syllabus is your guide so that you can keep up with the scheduled readings, modules, and assignments. There are many due dates for assignments, so you have to stay on top of this as **no late work will be accepted**. Second, if you email me or your TA using your Knights account, include **ANT3550 or Primates/Monkeys/Apes** in the subject heading and don't forget to include your full name so we know who you are. Otherwise, use the Inbox function in Webcourses to contact us. Lastly, read the syllabus, it really is like your best friend for this course.

Academic Responsibility

Time management, problem solving, responsibility and personal accountability are among the most important things you can learn in college. To be successful in this class (and in college in general), you will need to check Webcourses regularly (and often!), keep up with assigned readings and make every effort to complete assignments, quizzes and exams on time and in a professional manner!

Academic integrity: Plagiarism and/or cheating of any kind on an examination, quiz, or assignment is not tolerated and will result at least in an "F" for that assignment (and may, depending on the severity of the case, lead to an "F" or "Z" for the entire course). It may also be subject to appropriate referral to the UCF Office of Student Conduct for further action. See the UCF Golden Rule and the UCF Rules of Conduct for further detail. I will assume that you will adhere to the academic creed of this University and will maintain the highest standards of academic integrity. In other words, **don't cheat** by giving answers to others or taking them from anyone else. **If you let your friend copy your homework or exam answers, that is plagiarism also and you will both be subject to a Z grade.** Keep this in mind before you decide to "help out" a friend. **Do not copy and paste from the course modules or the Internet to answer questions posted in your assignments or exams**. I will know. It will be bad for you. Also, please keep in mind while the Internet is an excellent source of *quick* information, it is not necessarily an excellent source of *valid* information and may also be a source of plagiarism in its own right. Absolutely do not copy and paste from the Internet on any lab, assignment or exam. This will be bad for you. And anyhow, I have Google too so I'll know.

I will also adhere to the highest standards of academic integrity, so please do not ask me to change or expect me to change your grade illegitimately or to bend or break rules for one person that will not apply to everyone. This is particularly the case when it comes to final grades.

Learning environment: As a matter of respect to everyone in class, please silence your cell phones. If you are using a laptop for taking notes, remember that your classmates sitting behind you can see everything on your screen! Please make every effort to be on time. If you are late entering the classroom or need to leave during class or lab, please do so quietly with the least amount of disruption as possible.

Trolling: Trolls, don't be one, don't do it. See statement below.

Respect for diversity and inclusion: This class will be conducted in a way that respects all aspects of diversity and it is my intent to teach this course so that all students, no matter their **gender identity, sexuality, disability, age, socioeconomic status, immigration status, ethnicity, and culture,** are respected. And hey, mummies have feelings too, so don't hurt them. It is expected that everyone show respect for one another and the diverse issues and topics that will be covered. If you make inappropriate statements or act aggressively toward other students on the Discussion boards, assignments or other areas of the lab or classroom, **you may be removed from the course** and subject to action by the Office of Student Conduct. Also, please let me know if you would like me to use specific **personal gender pronouns** (PGPs) when communicating with you.

Campus Safety

Emergencies on campus are rare, but if one should arise during class, everyone needs to work together. Students should be aware of their surroundings and familiar with some basic safety and security concepts.

- In case of an emergency, dial 911 for assistance.
- Every UCF classroom contains an emergency procedure guide posted on a wall near the door. Students should make a note of the guide's physical location and review the online version at <http://emergency.ucf.edu/emergency_guide.html>.
- Students should know the evacuation routes from each of their classrooms and have a plan for finding safety in case of an emergency.
- If there is a medical emergency during class, students may need to access a first-aid kit or AED (Automated External Defibrillator). To learn where those are located, see <http://www.ehs.ucf.edu/AEDlocations-UCF> (click on link from menu on left).
- To stay informed about emergency situations, students can sign up to receive UCF text alerts by going to <https://my.ucf.edu> and logging in. Click on "Student Self Service" located on the left side of the screen in the toolbar, scroll down to the blue "Personal Information" heading on the Student Center screen, click on "UCF Alert", fill out the information, including e-mail address, cell phone number, and cell phone provider, click "Apply" to save the changes, and then click "OK."
- Students with special needs related to emergency situations should speak with their instructors outside of class.

Deployed Active Duty Military Students

Students who are deployed active duty military and/or National Guard personnel and require accommodation should contact their instructors as soon as possible after the semester begins and/or after they receive notification of deployment to make related arrangements.

Religious Observances

Students must notify their instructor in advance if they intend to miss class (if you meet in person) for a religious observance. For more information, see the UCF policy at <http://regulations.ucf.edu/chapter5/documents/5.020ReligiousObservancesFINALJan19.pdf>.

Student Accessibility Services

The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students with disabilities who need accommodations in this course must contact the professor at the beginning of the semester to discuss needed accommodations. No accommodations will be provided until the student has met with the professor to request accommodations. Students who need accommodations must be registered with Student Accessibility Services, Ferrel Commons 185, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, or sas@ucf.edu before requesting accommodations from the professor.

Copyright

This course may contain copyright protected materials such as audio or video clips, images, text materials, etc. These items are being used with regard to the Fair Use doctrine in order to enhance the learning environment. Please do not copy, duplicate, download or distribute these items. **The use of these materials is strictly reserved for this online classroom environment and your use only.** All copyright materials are credited to the copyright holder.

There are many fraudulent websites claiming to offer study aids to students but are actually cheat sites. They encourage students to upload course materials, such as test questions, individual assignments, and examples of graded material. Such materials are the intellectual property of instructors, the university, or publishers and may not be distributed without prior authorization (see Copyright statement above). Students who engage in such activity are in violation of academic conduct standards and may face penalties. Also, it's just not cool.

Third-Party Software and FERPA

During this course you might have the opportunity to use public online services and/or software applications sometimes called third-party software such as a blog or wiki. While some of these could be required assignments, you need **not** make any personally identifying information on a public site. Do not post or provide any private information about yourself or your classmates. Where appropriate you may use a pseudonym or nickname. Some written assignments posted publicly may require personal reflection/comments, but the assignments will not require you to disclose any personally identity-sensitive information. If you have any concerns about this, please contact your instructor.

Course Lecture and Assignment Schedule

Changes to the lecture and assignment schedules are not expected but may occur (like a hurricane or zombie apocalypse, Planet of the Apes becomes realized). Your professor reserves the right to make reasonable adjustments to the assignment schedule. Any changes will be announced through Webcourses. Due dates for assignments and exams can be found in the table below.

Module	Topic and Readings	Due Dates
Module 1	What is a Primate? Text • Strier KB. 2017. Introduction to Primate Studies (CH 1, pages 1-35). *Primate Behavioral Ecology, 5th ed.* Routledge. Additional Reading • Campbell et al. 2010. Behavioral Data Collection in Primate Field Studies (pages 358-367). In: *Primates in Perspective.* Oxford University Press.	Quiz 1 due JAN 19 LAB 1 due JAN 21
Module 2	Primate Taxonomy	Quiz 2 due JAN 26

	Text • Strier KB. 2017. Traits, Trends, and Taxonomy (CH 2, pages 37-72). *Primate Behavioral Ecology, 5th ed.* Routledge.	LAB 2 due JAN 28
Module 3	Primate Parts Additional Reading • Camera Traps Catch Chimpanzee Moms Teaching Their Children. NPR story by Barbara King: https://www.npr.org/sections/13.7/2016/10/20/498578961/camera-traps-reveal-chimpanzee-moms-teaching-their-children • A New View Into The Primate Birthing Process. NPR story by Barbara King: https://www.npr.org/sections/13.7/2017/02/02/512990553/a-new-view-into-the-primate-birthing-process • Luft J and Altman J. 1998. Mother Baboon. In: *The Primate Anthology*. Prentice Hall.	Quiz 3 due FEB 2 LAB 3 due JAN 30
Module 4	Primate Evolution Text • Strier KB. 2017. Primates Past to Present (CH 3, pages 73-100). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 4 due FEB 9 LAB 4 due FEB 11 Infographic TOPIC due FEB 23
Module 5	The Apes Additional Reading • Stumpf RM. 2010. Chimpanzees and bonobos (pages 340-356). In: *Primates in Perspective*. Oxford University Press. • Roach M. 2013. Almost human (pages 21-42). In: *Biological Anthropology*. National Geographic Learning. • Raffaelle P. 2007. Guerillas in the midst (pages 1-5). *Smithsonian* magazine, Oct 2007. • Van Schaik C. 2010. Why are some animals so smart? (pages 55-59). In: *Annual Editions: Physical Anthropology 10/11.* McGraw Hill.	Quiz 5 due FEB 16
EXAM 1 ONLINE SUNDAY FEB 16 to WEDNESDAY FEB 19, 2020		
Module 6	Primate Sociality Text • Strier KB. 2017. Evolution and Social Behavior (CH 4, pages 101-141). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 6 due MAR 1 LAB 5 due MAR 3
SPRING BREAK MAR 9 to 14, 2020		
Module 7	Evolution and Sex Text • Strier KB. 2017. Evolution and Sex (CH 5, pages 143-182). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 7 due MAR 15 LAB 6 due MAR 17
Module 8	Old World Monkeys and Tarsiers Additional Readings	Quiz 8 due MAR 22 Infographic DRAFT due MAR 29

	• Southwick C and Siddiqi F. 1998. The Rhesus Monkey's Fall from Grace (pages 211-218). In: *The Primate Anthology.* Prentice Hall. • Starin D. 1998. The Kindness of Strangers (pages 124-127). In: *The Primate Anthology.* Prentice Hall.	
Module 9	Food, Foraging and Females Text • Strier KB. 2017. Food, Foraging, and Females (CH 6, pages 183-214). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 9 due MAR 22 LAB 7 due MAR 26
EXAM 2 ONLINE SUNDAY MAR 22 to WEDNESDAY MAR 25, 2020		
Module 10	New World Monkeys Additional Readings • Ferrari SF. 1998. Diet for a Small Primate (pages 168-173). In: *The Primate Anthology.* Prentice Hall. • Marcio Ayres J. 1998. Scarlet Faces of the Amazon (pages 161-167). In: *The Primate Anthology***.** Prentice Hall.	Quiz 10 due APR 5 Infographic FINAL due APR 12
Module 11	Male and Female Strategies Text • Strier KB. 2017. Female Strategies (CH 7, pages 215-248) and Male Strategies (CH 8, pages 149-278). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 11 due APR 12 LAB 8 due APR 7
Module 12	Strepsirhines Additional Readings • Wright P. 1998. Lemurs Lost and Found (pages 219-223). In: *The Primate Anthology: Essays on Primate Behavior, Ecology, and Conservation from Natural History***.** Prentice Hall. • Bearder S. 1998. Calls of the Wild (pages 230-234). In: *The Primate Anthology: Essays on Primate Behavior, Ecology, and Conservation from Natural History*. Prentice Hall. • Martin R and Bearder S. 1998. Radio Bush Baby (pages 205-210). In: *The Primate Anthology: Essays on Primate Behavior, Ecology, and Conservation from Natural History*. Prentice Hall.	Quiz 12 due APR 12 Infographic PEER REVIEW due APR 19
Module 13	Primate Communication and Cognition Text • Strier KB. 2017. Communication and Cognition (CH 10, pages 311-346). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 13 due APR 19 LAB 9 due APR 14
Module 14	Primate Conservation Text • Strier KB. 2017. Conservation (CH 12, pages 373-398). *Primate Behavioral Ecology, 5th ed.* Routledge.	Quiz 14 due APR 19 LAB 10 due APR 21
EXAM 3 ONLINE TUESDAY APR 21 to SATURDAY APR 25, 2020		