

Primate Behavior (ANT4552/ANG6930)

Course Info: T 3 (9:35-10:25am)
R 3-4 (9:35-11:30am)

Instructors: Stephanie Bogart, Ph.D.
Office: B137 Turlington Hall
Email: sbogart@ufl.edu
Office Hours: T: 10am-12pm, W: 1-2:30pm,
or by appt.



Course Content: We will explore the central and cross-disciplinary concepts of primate behavior, which includes, but are not limited to genetics, ecology, behavioral diversity, evolution, and sociality; and how these factors shape primatology as a field. This course further investigates the interconnection of ecology and behavior, with implications for the origins of human behavior. Additionally, you will learn to create a scientific hypothesis and test it by gathering behavioral data on captive primates or by doing an intense literature review (new option due to pandemic). Students will collect data on a primate species and analyze the data for a written and oral report. Students will gain practical skills in conducting scientific methods collecting primate behavioral data and will be guided in a step-wise process.

Course Objectives:

- To develop a deeper comprehension of the central and cross-disciplinary concepts of primate behavior, which include, but are not limited to genetics, ecology, behavioral diversity, evolution, and sociality; and how these factors shape primatology as a field.
- To demonstrate understanding of ecological and evolutionary processes as well as the implications these processes have on primate behavior.
- To foster the students' process of identifying, exploring, assessing and solving real world problems through independent study that solidify their understanding of the scientific method and basic scientific principles.
- To effectively communicate the principles of primatology and its application to evolution.

Student Learning Outcomes:

- Identify, describe, explain, and apply factual, conceptual, and procedural knowledge in primate behavior.
- To understand and apply the scientific method and develop critical thinking skills from an evolutionary framework to investigate primate variation in its biological, social, and cultural dimensions.
- Integrate different sources and types of knowledge into holistic perspectives about primates and humans.
- Develop skills in reading and facilitating discussions over recent primary scientific literature, as well as public speaking skills.

Required Materials:

Primate Behavioral Ecology by Karen Strier, 5th edition 2016, ISBN 1138954365

Recommended Materials:

Measuring Behaviour: An Introductory Guide, by Martin and Bateson, 3rd edition 2007, ISBN: 978-0521535632

SCHEDULE: (Subject to revision)

Module	Topic	Textbook	Assignments
Module 1 1/11-15	Introductions & course overview Zoom Lecture: Thurs		
Module 2 1/18-22 <i>M: Holiday</i>	Recoded lecture: Taxonomy Thur Zoom Lecture: Primate Taxa	PBE 1-2	
Module 3 1/25-29	Recoded lecture: Primate taxa and Evolution Thur Zoom Lecture: Behavioral data collection, research design	PBE 2-3 MB	
Module 4 2/1-5	Recoded lecture: Sociality Thur Zoom Lecture: Mating & overview of Research	PBE 4 & 5	M: Behavioral Assignment due
Module 5 2/8-12	Recoded lecture: Foraging & ecology Thur Zoom Lecture: Foraging & ecology	PBE 6	F: Research question due
Module 6 2/15-19	Recoded lecture: Female and male strategies Thur Zoom Lecture: Female and male strategies	PBE 7 & 8	
Module 7 2/22-26	T: Midterm I due 11:59pm <i>No Zoom Lecture</i>		F: Methods Draft due
Module 8 3/1-5	Recoded lecture: Life histories Thur Zoom Lecture: Life histories	PBE 9	
Module 9 3/8-12	Recoded lecture: Communication Thur Zoom Lecture: Communication	PBE 10	
Module 10 3/15-19	Recoded lecture: Cognition Thur Zoom Lecture: Cognition	PBE 12	
Module 11 3/22-26	Recoded lecture: Community Ecology Thur Zoom Lecture: Research analysis and presentations	PBE 11	
Module 12 3/29-4/2	Recoded lecture: Conservation Thur Zoom Lecture: Conservation	PBE 12	
Module 13 4/5-9	Work on Research and presentation Possible Review zoom session Thurs		
Module 14 4/12-16	Tue ZOOM: Student presentations Thur ZOOM: Student presentations		M: Presentation slides due
Module 15 4/19-21	T: Midterm II due 11:59pm		
Final Paper due midnight Wed, April 28th			

PBE = *Primate Behavioral Ecology* by StrierMB = *Measuring Behavior* by Martin and Bateson

Grading: *****grades will not be rounded***** Letter grades assigned based on total percent of points according to normal grade scale system. A = 93.0 or above; A- = 90-92.9; B+ = 87-89.9; B = 83-86.9; B- = 80-82.9; C+ = 77-79.9; C = 73-76.9; C- = 70-72.9; D+ = 67-69.9; D = 63-66.9; D- = 60-62.9; E = <59.9

UF grading policy: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Undergraduate

30% - Midterms (15% for each)

15% - Practicing behavioral collection assignment

15% - Attendance and participation

40% - Primate Behavioral Research

Research question approval (10pts)

Methods draft (20pts)

Research report (35pts)

Presentation (35pts)

Midterms: Midterms will be **non-cumulative**, covering the material since the last exam (or from the start of term for midterm 1). The exam will consist of several types of questions: fill-in-the-blank, multiple choice, and critical thinking essays. **Make-up exams can be scheduled only with proper documentation for an appropriate excuse.**

- This class does NOT use proctoring services such as Honorlock and ProctorU.

Practicing Behavioral Collection Assignment: Students will get practice with collecting behavior using the most common methods. Students will work in groups of two or three and collect and analyze data with respect to inter-observer reliability. Further assignment instructions will be provided in a separate document.

Attendance and participation: Attendance will be mandatory to synchronous zoom sessions. Class meetings are noted on the schedule. Student attendance and participation in class. Class attendance is one point per session (students are allowed two unexcused absences NOT on presentation days).

- *Our class sessions may be audio visually recorded for students in the class to refer back and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.*

Primate Behavioral Research: Students will conduct an original primate behavioral research project. Students can choose to either collect behavioral data on a primate species at Santa Fe Teaching Zoo or opt to conduct a literature review of an in-depth research question on primate behavior. Students may work alone or in groups of two for collecting behavioral data at the zoo, literature research must be individual projects. You will be required to have a one-on-one meeting with Dr. Bogart to discuss your areas of interest and plan out what you would like to research. Further assignment instructions will be provided in a separate document.

- *Group projects are accepted (no more than 2-3 students). ONLY for Zoo collection project*

- You will consider a particular question and hypothesis to observe captive primates and obtain behavioral data. Or your question and hypotheses must allow for an in-depth literature review.
- You will find relevant scientific articles that will provide you with context on the topic for your introduction and questions.
- Your research question and hypotheses explanation is due Fri, Feb 12th
- A draft of your methods will be due Fri, Feb 26th.
 - *Approval is needed before students can start collecting data*
- You will then present your research in a 10-15 minute lecture during Module 14 (4/12-16) (this means you must be concise).
 - *Presentations due on Canvas by M: 4/12 by 11:59pm*
- Your final written report is due the week of finals.
- ***Students are responsible for their own transportation and fees for the Santa Fe Zoo if they choose to collect behavioral data.*** Students can manage their own carpools using Canvas' discussion board or other means. The RTS 10 Bus route picks up along 13th Street and goes to the Santa Fe Campus, usually taking 27 minutes and runs about every 30 minutes. You will need to walk to the zoo from the bus drop off (about 10 minutes). You can also catch the 43 bus Santa Fe College from various stops on campus.

NOTE: Each student in a group will be graded individually on their individual effort and participation (5pts). Presentation grades will vary by student based on verbal and non-verbal scores, but the scores for project content will remain the same throughout the group unless an issue arises about someone's effort. All other components of the project will be graded similarly among group members unless a group speaks with the professors. A peer- and self-evaluation form will be required to turn in by the final week of class. This will be assessed on a case-by-case basis and dependent majority issues.

Make-up and Late Work: Make-up/late assignments will not be scheduled unless demonstrated illness, serious emergency, or major scheduling conflict with proof provided to the Instructor. An official letter, following university procedures, is expected prior to the due date so that a make-up can be arranged. It is the student's responsibility to contact the instructor and inform them of the emergency within a 24-hour period following the missed class. *E-mails are strongly encouraged.*

Late assignments without an excuse will be reduced 5% per day late.

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>.

Accommodation

Students with disabilities requesting accommodations should first register with the Disability Resource Center (www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodations. Students with disabilities should follow this procedure as early as possible in the semester. **Ideally, student accommodation should be communicated to the instructor before the end of the first month of the term).**

Course Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.a.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their

Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

Student Conduct and Academic Honesty and Integrity

UF students are bound by The Honor Pledge which states:

<https://sccr.dso.ufl.edu/students/student-conduct-code/>

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment."

Cheating, copying other's work, plagiarism, and other acts of academic misconduct are unethical. UF and the instructor consider these to be serious offenses. The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the Instructor

Harassment and Discrimination

"Harassment" is defined as conduct that (1) is of any type (written, oral, graphic, or physical), (2) is directed towards or against a person because of their personal status (i.e., race, religion, sex, sexual orientation, political affiliation, national origin, age, disability, marital status, pregnancy or others), and that (3) unreasonably interferes with the individual's work, education, or participation in activities or programs at UF or creates a working or learning environment that a reasonable person would find threatening. "Discrimination" is defined as a conduct that (1) adversely affects any aspect of an individual's employment, education, or participation in activities or programs at UF, and (2) is based on one or more personal characteristics listed above. Any student who feels that his/her rights have been violated may speak to the instructor who will direct the complaint through the proper university channels, or the student may directly file a complaint with UF Department of Human Resources.

Campus Resources

Students experiencing personal problems that are interfering with their academic performance are encouraged to contact the Counseling and Wellness Center:

<https://counseling.ufl.edu/about/location-hours-contact/>

- Health and Wellness U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or (352) 392-1575 so that a team member can reach out to the student.
- Counseling and Wellness Center: <https://counseling.ufl.edu/>, 392-1575
 - Students experiencing personal problems that are interfering with their academic performance are encouraged to contact the Counseling and Wellness Center.

Academic Resources

- E-learning technical support, 352-392-4357 (select option 2) or e-mail to Learningsupport@ufl.edu. <https://lss.at.ufl.edu/help.shtml>

CLASS CONDUCT

No photography or recording
allowed during lecture
(without prior permission)

Cell phones should be off or in silent mode

Use of a phone will result in point deductions

Laptops are permitted ONLY for notetaking

Use of social media, email, or non-course related work will result in point deductions

"The University of Florida has zero tolerance for sexual discrimination, sexual harassment, sexual assault, dating violence, domestic abuse or stalking." <https://titleix.ufl.edu/>

- Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.
- Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers. <http://writing.ufl.edu/writing-studio/>