

Primate Behavior (ANT4552/ANG6930)

Course Info: T 3 (9:35-10:25am) TUR 2322
R 3-5 (9:35am-12:35pm) TUR B304

Instructor: Dr. Stephanie Bogart
Office: B137 Turlington Hall
sbogart@ufl.edu – prefer *Canvas communications*
Office Hours: T 11:00am-1:00pm and Zoom F 9:00-11:00am.
Office Hours Instructions: Use [Microsoft Bookings](#) to make an appointment. Zoom or in-person available.



Course Content: We will explore the central and cross-disciplinary concepts of primate behavior, which includes, but 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. Students will gain practical skills in conducting scientific methods collecting primate behavioral data and will be guided in a stepwise process. Students will collect data on a primate species and analyze the data for a written and oral report.

Course Objectives:

- 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.
- Demonstrate understanding of ecological and evolutionary processes as well as the implications these processes have on primate behavior.
- Foster 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.
- Effectively communicate primatology research and its application to evolution.

Student Learning Outcomes:

- Identify, describe, explain, and apply factual, conceptual, and procedural knowledge in primate behavior and data collection.
- Integrate different sources and types of knowledge into holistic perspectives about primates and humans.
- Apply the scientific method and develop critical thinking skills from an evolutionary framework to investigate primate variation in its biological, social, and cultural dimensions.
- Create a project with observable methods to collect data on primates and analyze results for a final project.
- Evaluate and illustrate findings while practicing speaking and writing skills.

Required Materials:

- Primate Behavioral Ecology by Karen Strier, 6th edition 2021, ISBN 978-0367222864
 - Available on reserve at Library
- Primate Behavior: An Exercise Workbook by Teichroeb, JA; Corewyn, LC; Paterson JD, 3rd Edition 2021, Waveland Press. ISBN 978-1478640097
 - eBook is acceptable (worksheets and modified instructions will be provided)

Recommended Materials:

- Measuring Behaviour: An Introductory Guide, by Bateson and Martin, 4th edition 2021, ISBN: 978-1108745727
 - Available on reserve at Library

SCHEDULE: *(Subject to revision)*

Module	Topic	Textbook	Assignments
Module 1 1/13-17	Introductions & Taxonomy Primate Taxa Review	PBE 1 & 2	
Module 2 1/20-24 M: MLK Jr. day	Primate Taxa Review & Sociality	PBE 2, 3, & 4	
Module 3 1/27-31	Mating and Primate Research R: Zoo Orientation and WB Ex 1 & 2	PBE 5 WB chap 1,3,9, & 10	
Module 4 2/3-2/7	Foraging & ecology R: Research Design and Ethograms, WB Ex 3 and ethogram	PBE 6 WB Chap 2 & 3	M: Research quest due T: WB Ex 1&2 due
Module 5 2/10-14	Primate strategies & Methods prep R: Behavioral Data, WB Ex 6, 8, & 9	PBE 7 & 8 WB Chap 2	T: Ex3 & ethogram due
Module 6 2/17-21	Life histories R: IOR and Sociograms, WB Ex 13 & 14	PBE 9, WB Chap 4 & 9	M: Methods Draft due T: Ex 6, 8, & 9 due Research meetings
Module 7 2/24-28	T: Review & Methods prep T-W: Midterm 1 on Canvas R: Zoo data collection	PBE 9	Research meetings T: Ex 13 & 14 due
Module 8 3/3-3/7	T: Methods edits and Communication R: Zoo data collection	PBE 10	
Module 9 3/10-14	Communication and Cognition R: Zoo data collection	PBE 10	
3/17-21	Spring Break		
Module 10 3/24-28	Cognition and Ecology R: Zoo data collection	PBE 10 & 11	
Module 11 3/31-4/4	Community Ecology & Research analysis R: Zoo data collection	PBE 11 WB 6&7	
Module 12 4/7-11	T: Info on Posters R: Project Check-in & Zoo data collection	PBE 12	
Module 13 4/14-18	T: Conservation, Final prep and Review R: Student Poster Presentations	WB 7	R: Posters due
Module 14 4/21-23	M-T: Midterm 2 on Canvas		W: Grad Student paper
PBE = <i>Primate Behavioral Ecology</i> WB = <i>Primate Behavior: An Exercise Workbook</i>			

FEES AND TRANSPORTATION NOTICE:

This course involves collecting data at the Santa Fe Teaching Zoo. I have been unable to onboard this cost into the course materials fee. We have negotiated a lower rate for entry fees for this class. The Zoo has a student membership of \$20 (good for 12 months) and this allows students to go to the Zoo whenever they want. This membership can be paid for at the Zoo Orientation trip and is the **student's responsibility** (*talk to me about financial difficulties*).

Students are responsible for their own transportation to the zoo. 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.

WEATHER NOTICE:

Students should not collect data during thunder and lightning conditions or other extreme weather. Should this impact an observation time at the Zoo, students can elect to make-up the time on another day. Announcements will be sent in the case of recommendations.

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/>

25% - Exams (2 x 12.5% for each)
 25% - Workbook Exercise Assignments (x4)
 15% - Attendance and participation
 35% - Primate Behavioral Research
 Waiver (no points, required to go off campus)
 Research question approval (10pts)
 Research meeting (5pts)
 Methods draft (20pts)
 Check-in (5pts)
 Poster Presentation (35pts)

GRADUATE STUDENTS

20% - Exams (2 x 10% for each)
 25% - Workbook Exercise Assignments (x4)
 15% - Attendance and participation
 40% - Primate Behavioral Research
 Waiver (no points, required to go off campus)
 Research question approval (10pts)
 Research meeting (5pts)
 Methods draft (20pts)
 Check-in (5pts)
 Poster Presentation (35pts)
 Research Paper (35pts)

Exams: Exams will be *non-cumulative*, covering the material since the last exam (or from the start of term for exam 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.***

- Exams will be on Canvas. This class does NOT use proctoring services.
- Exams will be available for 2 days; students can take the exam anytime within the open window and submit before 11:59pm the day it is due.

Workbook Exercise Assignments: Students will get practice with various elements of behavioral data collection methods through labs from the *Primate Behavior Workbook*. Write-up is due by the following class. Worksheets will be provided, but the readings are required from the book. Can us ebook version.

Attendance and participation: Student attendance and participation in class and collecting data at the zoo will be graded. Class attendance is one point per session (students are allowed two unexcused absences). Participation in zoo data collection will be graded based on presence and actively collecting data on at least six days of data collection, either during scheduled times or during a make-up session (2 points per collection day).

Primate Behavioral Research: Students will conduct an original primate behavioral research project to be carried out at Santa Fe Teaching Zoo. Students may work alone or in groups of two. 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 students*)***
 - Consider a particular question and hypothesis to observe captive primates and obtain behavioral data.
 - Find relevant scientific articles that will provide you with context on the topic for your introduction and questions.
1. Off Campus **trip waiver of liability** must be turned in by all students
 2. Students will turn in a one-page explanation of their **research question and hypotheses**
 3. A **draft of methods** will be due prior to collecting research.
 - a. *Approval is needed before students can start collecting data*
 - b. *Students will **meet with Dr. Bogart** to review methods and prepare for data collection*
 4. **Check-in:** meeting with Dr. Bogart in class to finalize plans and ask questions.
 5. **Poster presentation:** research will be analyzed and presented in a poster format. Students will have to provide synopsis to instructor and other students, and answer questions during the session.
 - UFIT-- <https://print.at.ufl.edu/help/pricing/>
 - Can be charged to your account.
 - Cost for large format plotter is \$3.00/foot.
 - Three locations—Architecture (118), Marston Science Library (1st floor), CSE (E235)
 - **Graduate student paper:** Grad students will write a research paper. This will be an extended form of the poster in the format of an article submission.

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 professor. This will be assessed on a case-by-case basis and dependent issues.

COURSE POLICIES

Accommodation and Extensions Policy

Requirements for 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>.

- Extensions on assignments, quizzes, and exams will not be scheduled unless demonstrated illness, health, emergency, or major scheduling conflict with proof provided to the instructor. An email/canvas conversation, following university procedures, is expected so that arrangements can be made with all parties (instructor and student) in agreement. It is the student's responsibility to contact the instructor and inform them of an emergency or circumstance.
- **Late assignments/quizzes/exams without an excuse will be reduced 5% per day late.**
- **All unexcused late work will not be accepted a week after the due date without agreement with the instructor.**
- **Religious Holidays:** A student should inform the faculty member of the religious observances of their faith that will conflict with class attendance, with tests or examinations, or with other class activities prior to the class or occurrence of that test or activity.

Students requiring accommodation

Students who experience learning barriers and would like to request academic accommodations should connect with the disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Student Conduct and Academic Honesty and Integrity

University of Florida students are bound by the Honor Pledge. On all work submitted for credit by a student, the following pledge is required or implied: "*On my honor, I have neither given nor received unauthorized aid in doing this assignment.*" The Student Honor Code and Conduct Code (Regulation 4.040) specifies a number of behaviors that are in violation of this code, as well as the process for reported allegations and sanctions that may be implemented. All potential violations of the code will be reported to Student Conduct and Conflict Resolution. If a student is found responsible for an Honor Code violation in this course, the instructor will enter a Grade Adjustment sanction which may be up to or including failure of the course. For additional information, see <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Writing assignments will be subject to and in accordance with the student conduct code and academic honesty. Assignments will use the tool Turnitin to assess plagiarism and are subject to [ChatGPT/AI](#) detection. If there is any evidence of violation of the [Student Honor Code](#), the student will receive a grade of zero for the assignment and be reported to [Student Conduct and Conflict Resolution](#) Office.

UF course evaluation process

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 <http://gatorevals.ua.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 <http://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <http://gatorevals.ua.ufl.edu/public-results/>.

Online Materials and Communication:

- **You are responsible for materials posted on E-Learning (Canvas)** for this class at <https://elearning.ufl.edu/>, including required readings, announcements, details on assignments, and other supplementary material.
 - Canvas technical support available at <https://elearning.ufl.edu/student-help-faqs/>.
- The instructor uses email to make general class announcements or to contact you directly about your work. **You are responsible for checking your official UF email regularly**. There are no allowances for students who fail to read their email announcements or whose inboxes are full at the time an announcement is sent.

In-Class Recording

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To “publish” means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

Procedure for conflict resolution

Any classroom issues, disagreements or grade disputes should be discussed first between the instructor and the student. If the problem cannot be resolved, please contact John Krigbaum (krigbaum@ufl.edu, (352) 294-7540), Chair of Anthropology. Be prepared to provide documentation of the problem, as well as all graded materials for the semester. Issues that cannot be resolved departmentally will be referred to the University Ombuds Office (<http://www.ombuds.ufl.edu>; 352-392-1308) or the Dean of Students Office (<http://www.dso.ufl.edu>; 352-392-1261).

Critical Thinking Objective

Students are encouraged to employ critical thinking and to rely on data and verifiable sources to interrogate all assigned readings and subject matter in this course as a way of determining whether they agree with their classmates and/or their instructor. No lesson is intended to espouse, promote, advance, inculcate, or compel a particular feeling, perception, viewpoint or belief.

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.

“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 Resources

The [UF Libraries](#) provide access to numerous resources and services that will help you succeed in this course. Access thousands of [online databases, books, and articles](#) or visit one of the [branch locations](#) for additional resources, services, and study spaces. Further, as this class requires students to complete a bibliography and research paper, both the [Anthropology Library Guide](#) and the [Anthropology Assignment Guide](#) may be of assistance. You can also contact the [Anthropology Librarian](#) directly for help with developing your research topic/question, searching for sources, and evaluating information. And you can also [Ask A Librarian](#) for help by email, chat, text, or phone.

Campus Resources

Students experiencing personal problems that are interfering with their academic performance are encouraged to contact Student Affairs, DRC, and/or the Counseling and Wellness Center

- UF Student Affairs: <https://ufsa.ufl.edu/> or <https://care.dso.ufl.edu/>
- Disability Resource Center (DRC): <https://disability.ufl.edu/>

- Counseling and Wellness Center: <https://counseling.ufl.edu/>, 392-1575
- 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.
- Sexual Assault Recovery Services (SARS): Student Health Care Center; [352-392-1161](tel:352-392-1161).
- University Police Department: <http://www.police.ufl.edu/>; [352-392-1111](tel:352-392-1111) (911 for emergencies).

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>
- Library Support, <http://cms.uflib.ufl.edu/ask>. Various ways to receive assistance with respect to using the libraries or finding resources.
 - ANTHROPOLOGY'S Library Page: <http://guides.uflib.ufl.edu/c.php?g=963561&p=6959964%5C>
 - **Ginessa Mahar** (anthropology Librarian): gjmahar@ufl.edu, office: Library West rm.500
- Writing Studio, 302 Tigert Hall, 846-1138. Help brainstorming, formatting, and writing papers or presentations. <http://writing.ufl.edu/writing-studio/>
- Career Connections Center: Reitz Union; <http://www.career.ufl.edu/>; [352-392-1601](tel:352-392-1601).