

## **The Primates**

### **Instructor:**

James D. Pampush  
Turlington B331  
[jpampush@ufl.edu](mailto:jpampush@ufl.edu)

Office Hours: Tuesdays Period 7-8 (1:55-3:50pm); or by appointment

### **Course Meeting Time:**

Lecture: Frazier-Rogers Hall 129 Mondays and Wednesdays Period 6 (12:50-1:40)

Lab/Discussions: (Meeting Place variable see syllabus)

1E41: Fridays Period 4 (10:40-11:30)

1E49: Fridays Period 5 (11:45-12:35)

1E51: Fridays Period 6 (12:50-1:40)

This course is administered through an elearning web page. Readings not from the required text can be downloaded from the resources folder. On-line quizzes will be available under assessments. Students will be able to monitor their grades via this web page.

### **Course Objectives:**

The course is designed to introduce students to extant primates—humanities' closest living relatives. In particular, successful students of the course will gain a working knowledge of: modern primate taxonomy, primate evolution, locomotory patterns, feeding ecology, social systems, reproductive strategies, conservation issues, and primatological methods.

### **Required Materials:**

*Primate Diversity*, Falk. (2000) Norton Inc. New York, NY

### **Suggested Materials:**

*Primate Adaptation and Evolution* 3<sup>rd</sup> Ed. Fleagle, (2013) Academic Press New York, NY

*Primate Behavioral Ecology* 3<sup>rd</sup> Ed. Strier, (2007) Pearson New York, NY

*The Pictorial Guide to the Living Primates*. Rowe, (1996) Pogonias Press Hong Kong

## Grading:

Grade Points to Letter Conversion Chart:					
A	500-465	B-	414.9-400	D+	349.9-335
A-	464.9-450	C+	399.9-385	D	334.9-315
B+	449.9-435	C	384.9-365	D-	314.9-300
B	434.9-415	C-	364.9-350	E	299.9-0.0

500 total points

Course grade consists of 4 components: Tests, Online Quizzes, Pop Quizzes, & Poster.

300 pts: 4 Exams (75pts each). Multiple choice/True False; non-cumulative exams.  
100 pts: 11 Online Lab/Discussion Quizzes (10pts each) Lowest Score Dropped  
50 pts: 6 pop quizzes (10pts each), Lowest Score Dropped  
50 pts: 1 Poster Presentation (50 pts)

**Exams:** There will be 4 exams. These will be non-cumulative, and feature multiple choice, scantron-style questions. Exams will take the entire course period (11:45-12:35).

**Online Quizzes:** There will be 11 online quizzes each worth 10 points. They will be multiple choice, and fill in the blank. Quizzes will be available after class, on Fridays and will remain open for 7 Days. Upon beginning the Quiz you will have 50 minutes to complete it. Quizzes will be focused on the lab/discussion based topics and exercises. The lowest grade will be dropped.

**Pop Quizzes:** There will be 6 pop quizzes each worth 10 points. The lowest pop quiz score for each student will be dropped. The pop quizzes will test concepts and terms recently covered in class and are a mechanism to encourage lecture attendance.

**Poster Presentation:** Each student will produce an academic style poster and will present them during one of the final two lab sessions. Students will be randomly chosen to present their posters with half of each lab section presenting the first week, and half presenting the second week. Sample Posters are available on Sakai for reference.

Posters will be productions of one of the following options:

**[1]** Produce a piece of original research using the lab techniques taught during the computer modeling exercises. A specific hypothesis will be tested using data collected from the literature, and analyzed using modeling techniques, and tentative conclusions reached based on accurate interpretations of the outputs, and clean Bayesian modeling.

**[2]** Conduct an analysis of a controversial topic in primate biology/evolution, presenting the competing ideas including the data or results that support each side of the discussion. Describe a possible experiment/investigation which could determine which side of the debate is correct or more reasonable.

**[3]** Produce an analysis of a particular primatologist/biologist describing their most important work as relevant to primatology, as well as the theoretical approaches/techniques they use. Be especially conscious of the way they approach the study of primates.

**Special Note on Poster Presentation Grading:**

Students will be divided into 2 groups in each section at random, and these groups will be announced during lecture on Wednesday April 9th. One group will present the first week (4.11.14) of presentations, and the other the second week (4.18.14). Failure to present on the given day will result in a zero. Students will be graded on the following:

**[1]** Clarity of the project. 20pts (40%) What is the stated goal, and how well was that accomplished, and how thorough has the student treated the topic?

**[2]** Composition of the poster. 20pts (40%) How professionally produced is the poster? Is it visually well composed with minimal use of text? There should be an emphasis on visuals, diagrams, and bulleted text.

**[3]** Professionalism of the presentation. 5pts (10%) How well does the student handle presenting their work to others during the class period, and how well do they handle answering questions. It is OK not to know everything, but one should address all questions as best as possible.

**[4]** Originality of the work. 5pts (10%) Is this work a truly unique contribution to the discipline, or is it a parroting of things other people have already said or did? Has the student obviously thought about the project on their own, and brought their own ideas/concepts/opinions into the work.

Producing the poster:

Sample posters will be available on Sakai for download. Feel free to use that formatting, and work with your poster in PowerPoint. In general you will simply be producing a single giant powerpoint slide which you will print.

Posters can be printed relatively cheaply (about \$9) in full color at several printing labs on campus, particularly the science library computer lab, and the architecture printing lab.

**Special Note for Labs and Discussions:**

These opportunities will not be offered again. Group discussions cannot be re-created for a single student, and a large amount of the materials used during the lab exercises come from the Florida museum of natural history on loan. Students who miss lab exercises are encouraged to find time to visit the Mammal range at the Florida museum to complete their lab work. Students who miss discussions are encouraged to get cliff notes of the discussions from their classmates.

## **Additional Information:**

### **I. Disability Statement:**

Students with disabilities should disclose them to the instructor prior to the 2nd week of class if they have special in-class needs, which they want to be accommodated for. They will need to provide the instructor with a valid personal education accommodations plan. Every effort will be made to accommodate such students and to maintain their confidentiality.

### **II. Academic Misconduct:**

“Academic misconduct” is defined as any activity, which tends to compromise the academic integrity of the institution of learning, or to subvert the educational process in any way. Cheating, copying other’s work, plagiarism, and other acts of academic misconduct are unethical. UF and the instructor consider these to be serious offenses. All students are responsible for knowing what constitutes academic misconduct; ignorance is not a valid excuse. Alleged cases of academic misconduct will be referred to the proper university committees. There will be a zero tolerance policy in effect.

### **III. Absences:**

Every effort should be made to attend class, however, attendance is not a grade component. Should a student miss an assignment a University approved absence must be met in order to make up the points. These include: your Military Service is requested, Someone in your immediate family dies or is seriously ill (i.e., Spouse, Brother, Sister, Mother, Father, Son, Daughter, or Grandparent), Serious personal injury or illness, official school related function (i.e. school sporting event) or attending to academic conferences you will be permitted to make up any missed points, should the appropriate documentation be provided. It is the student’s responsibility to contact the instructor and inform them of the emergency either before the class or within a 24-hour period following the missed class. You may e-mail the instructor, or leave a message in the Department of Anthropology Office. E-mails are strongly encouraged.

### **IV. 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 their rights have been violated are asked to confront the offending party, should that not resolve the issue, or the student is uncomfortable with confronting the offending party they may file a complaint with UF Department of Human Resources.

### **V. Late Work:**

No late work is accepted unless the student meets one of the approved excused absences and has the required documentation.

### **VI. Cell phones, computers, touch pads and other smart devices:**

College students are adults and capable of making informed decisions. Use of cell phones, computers and touch pads will not be actively policed. However, students are asked to please be respectful their fellow students in the course as well as the instructor, who will not appreciate continued distractions.

Week	Monday	Wednesday	Friday	Readings	Quizzes
1 8.25— 8.29	Why Study Primates?	Evolutionary Theory I	Introductions Turlington B304	Falk: 43-47 Strier Ch.1	
2 9.1— 9.5	<b>No Class</b>	Modeling Evolution	Modeling Evolution I Turlington 1208H	Fleagle Ch.1	Online Quiz I
3 9.8— 9.12	Evolutionary Theory II	<b>Exam I</b>	Modeling Evolution II Turlington 1208H		Online Quiz II
4 9.15— 9.19	Comparative Anatomy Post-Crania	Comparative Anatomy Skulls	Primate Locomotion Turlington B304	Fleagle Ch.2&3	Online Quiz III
5 9.22— 9.26	Systematic Philosophy	Primate Taxonomy	Cladistics Exercise Turlington 1208H		Online Quiz IV
6 9.29— 10.3	Primate Sociality	Reproductive Strategies	Primate Dentition Turlington B304	Strier Ch.4&9	Online Quiz V
7 10.6— 10.10	Primate Life Histories	<b>Exam II</b>	Primate Taxonomy Turlington B304		Online Quiz VI
8 10.13- 10.17	Lepilemuridae Lemuridae & Daubentoniidae	Indriidae Cheirogalidae & Madagascar	<b>No Class</b>	Falk:85-111 <b>Menopause</b>	Online Quiz VII
9 10.20- 10.24	Lorisiformes	Tarsiiformes	Infanticide Discussion Turlington B304	Falk:63-78 <b>Infanticide</b>	Online Quiz VIII
10 10.27- 10.31	Platyrrhines and the Pitheciidae	Cebidae and Atelidae	Fallback Foods Discussion Turlington B304	Falk: 113-171 <b>Fallbacks</b>	Online Quiz IX
11 11.3— 11.7	The Callitrichinae	<b>Exam III</b>	Monkey-Ape Split Discussion Turlington B304	Falk: 173-255 <b>Divergences</b>	Online Quiz X
12 11.10- 11.14	Drills, Mandrills, and Mangabeys	The Colobines	Primate Culture Discussion Turlington B304	<b>Culture</b>	Online Quiz XI
13 11.17- 11.21	The Macaques and Guenons	The Baboons	Student Presentations	Falk: 257-339	
14 11.24- 11.28	Lesser Apes	<b>No Class</b>	<b>No Class</b>		
15 12.1— 12.5	Asian Great Apes	African Great Apes	Student Presentations		
16 12.8— 12.12	Primate Conservation	<b>Exam IV</b>	<b>No Class</b>	Strier Ch.12	

Period	Monday	Tuesday	Wednesday	Thursday	Friday
1 7:25-8:15					
2 8:30-9:20					
3 9:35-10:25					
4 10:40-11:30					Lab Sec: 1E41 Variable Locale
5 11:45-12:35					Lab Sec: 1E49 Variable Locale
6 12:50-1:40	Frazier-Rogers 129		Frazier-Rogers 129		Lab Sec: 1E51 Variable Locale
7 1:55-2:45		JDP Office Hours Turlington B333			
8 3:00-3:50					
9 4:05-4:55					
10 5:10-6:00					