

# Curriculum Guide: Evolution, Biology, and Behavior

This Curriculum Guide **is not** major or minor plan; it is a list of recommended courses for students intending to pursue graduate school in any number of disciplines with a focus on programs in bio-evolutionary psychology, bio-anthropology, animal behavior, veterinary medicine, natural resources or wildlife biology.

**Note on Pre-requisites:** Many of these courses have pre-requisites. Please refer to the current LSA Bulletin or course guide for information regarding which courses are required. It is important that pre-requisites are taken early in a student's academic career so that they will be completed in time to take the desired course.

## **Lower Division (100-299) Psychology Courses (in addition to an Introductory Psychology Course)**

- 231 Brain, Learning, and Memory (UC 261)
- 232 Evolutionary Biology and Human Disease (UC 262)

## **Breadth Courses**

The following course is recommended to be taken early in the student's major plan as they serve as prerequisites to many upper division courses.

- 230 Introduction to Behavioral Neuroscience

## **Lab Courses**

The following courses may be used to satisfy a major lab requirement.

- 302 Research Methods in Cognitive Neuroscience
- 331 Research Methods in Brain, Behavior, and Cognitive Science

## **Upper Division (300-599) Psychology Courses**

Students are advised to take as many upper-division courses as possible to fulfill the major credit hours. Most students wishing to specialize in this area are advised to take more than the minimum 34 credits required.

- 335 Introduction to Animal Behavior
- 338 Primate Social Behavior I (ANTHRBIO 368)
- 437 Current Topics in Biopsychology
- 530 Advanced Comparative Animal Behavior
- 531 Advanced Topics in Biopsychology
- 532 Mammalian Reproductive Endocrinology (EEB 541/ PHYSIOL 541/ ANAT 541)

## **Interdisciplinary Courses**

These courses found across the university are recommended to give students a broad, interdisciplinary background in the area of evolution, biology, and behavior. Students should consider how these courses may be used to satisfy other degree requirements (e.g. Area Distribution credit, Race and Ethnicity, Quantitative Reasoning, and Upper Level Writing Requirements).

- ANTHRBIIO 365 Human Evolution
- ANTRHBIO 467 Human Behavioral Ecology
- BIOLOGY 130 Animal Behavior
- BIOLOGY 226 Animal Physiology Laboratory
- BIOLOGY 288 Animal Diversity
- BIOLOGY 305 Genetics
- EEB 381 General Ecology
- EEB 315/ ENVIRON 315 The Ecology and Evolution of Infectious Diseases
- EEB 451/ \*NRE 451 Biology of Mammals
- EEB 453 Field Mammalogy
- \*NRE 505 Human Resource Ecology
- \*NRE 415/ ENVIRON 415 Wildlife Behavior & Ecology
- \*NRE 416/ ENVIRON 416 Field Skills in Wildlife Behavior
- WOMENSTD 400 Women's Reproductive Health

*\*Courses not offered through the college of Literature, Science and Arts (LS&A). These courses may have special restrictions and students may need to contact the department or instructor about requirements to elect the course.*