

**ANIMAL BEHAVIOR GRADUATE GROUP
GUIDANCE COMMITTEE RECOMMENDATIONS**

Date of Entry _____ Student _____

UNDERGRADUATE PREPARATION. The equivalent of at least one course from each of the following subjects should be taken before admission or must be completed before the end of the first year in the program:

- | | |
|--|-------|
| Animal Behavior (e.g., Neurobiology, Physiology & Behavior 102) | _____ |
| Ecology (e.g., Ecology & Evolution 101, Env. Studies 100) | _____ |
| Evolution (e.g., Evolution & Ecology 100) | _____ |
| Genetics (e.g., Biological Sciences 101) | _____ |
| Statistics (e.g., Psychology 103 or Statistics 102) | _____ |
| Physiology (e.g., Neurobiology, Physiology & Behavior 101) | _____ |

CORE ABGG REQUIREMENTS:

- | | | <u>Quarter/Year</u> |
|---|----------|---------------------|
| 1. Fundamentals of Animal Behavior (PSC/ANB 218A and B) | 10 units | _____ |
| 2. Methodology & Grant Writing: Scientific Approaches (ANB 201) | 3 units | _____ |
| 3. Advanced Statistics: (PSC 204A, PSC 204 B, C or D, STA 205, 106,108, 138, PLS 205, 206) | 4 units | _____ |
| 4. Graduate Seminars: (ANB 290, 3 times) | 3 units | _____ |
| | | 20 core units |

ELECTIVES: two courses in area of interest (at least 3 units each)

- | | | |
|----------|----------|-------|
| 1. _____ | 3+ units | _____ |
| 2. _____ | 3+ units | _____ |

Total minimum unit requirement: 26 units

At least 16 of the total minimum number of 26 units completed for the degree must be taken in graded courses at the 200 level (or above, if approved for graduate credit) level. (Courses in the 300 and 400 series may be accepted if they have been approved for graduate credit.)

Core required courses that meet the above requirement, plus 1-2 others:

1. **PSC/ANB 218A and B: 10 units**
2. **ANB 201: 3 units**
3. _____
4. _____

Signatures/Date:

Student: _____

Guidance Committee: Major Professor: _____

Graduate Advisor: _____

Student Advisor: _____

SUGGESTED ELECTIVES

Conservation Biology:

Conservation Biology (WFC 154, 4 units) _____

Issues in Conservation Biology (ECL 208, 4 units) _____

Conservation Biology Policy (ESP 170, 4 units) _____

Advanced Ecology:

Population and Community Ecology (ECL 204, 4 units) _____

Community Ecology (ECL 205, 4 units) _____

Terrestrial Field Ecology (ENT 225, 4 units) _____

Theoretical Ecology (ECL 232, 3 units) _____

Mathematical Models in Population Biology (PBG 231, 3 units) _____

Principles of Population Biology (PBG 200A,B,C; 5, 6, 6 units) _____

Experimental Ecology and Evolution in the Field (EVE 180A,B; 4, 4 units) _____

Population Ecology:

Population Dynamics & Estimation (WFC 122, 4 units) _____

Advanced Population Dynamics (WFC 222, 3 units) _____

Primate Evolutionary Ecology (ANT 154B, 5 units) _____

Population and Community Ecology (ECL 204, 4 units) _____

Mathematical Models in Pop. Biol. (ECL 231/PBG 231, 3 units) _____

Population Ecology (ESP 121, 4 units) _____

Principles of Population Biology (PBG 200A,B,C; 5, 6, 6 units) _____

Wildlife Ecology (WFC 151, 4 units) _____

Genetics and Evolution:

Advanced Evolution (PBG 203, 3 units) _____

Quantitative & Population Genetics (GGG 201D, 5 units) _____

Population and Quantitative Genetics (EVE 102, 4 units) _____

Phylogeny and Macroevolution (EVE 103, 4 units) _____

Principles of Population Biology (PBG 200 A,B,C) _____

Population and Behavioral Genetics:

Population and Quantitative Genetics (EVE 102, 4 units) _____

Quantitative & Population Genetics (GGG 201D, 5 units) _____

Topics in Genetic Correlates of Behavior (PSC 251, 4 units) _____

Behavioral Ecology:

Behavioral Ecology (WFC 141, 4 units) _____

Behavioral Ecology of Insects (ENT 104, 3 units) _____

Seminar in Behavioral Ecology of Predators & Prey (WFC 294, 3 units) _____

Evolution of Primate Behavior (ANT 154A, 5 units) _____

Primate Behavioral Ecology (ANT 250, 4 units) _____

Field Methods in Primate Behavior (ANT 154C/CL, 5 units) _____

Current Issues in Primate Sociobiology (ANT 254, 4 units) _____

Modeling Social Behavior (ANT 261, 4 units) _____

Animal Communication (EVE 107, 3 units) _____

Neuroscience:

Cellular Neurophysiology (NSC 221, 4 units)

Principles of Neurosciences (VMD 421, 2.7 units)

Systems Neuroscience (NSC/NPB 222, 4 units)

Physiology and Behavior:

Cognitive Neuroscience (PSC 261/NSC 223, 4 units)

Physiological Psychology (PSC 208, 4 units)

Physiological Correlates of Behavioral Development (HDE 211, 3 units)

Topics in Psychobiology (PSC 252, 4 units)

Physiology of the Endocrine Glands (NPB 130, 4 units)

Comparative Physiology: Endocrinology (NPB 128, 3 units)

Hormones and Behavior (NPB 152/PSC 123, 3 units)

Neuroendocrinology (MCP 231, 3 units)

Avian Physiology (NPB 117, 3 units)

Psychology and Neuroscience:

Animal Cognition (PSC 127, 4 units)

Cognitive Neuroscience (PSC 261/NSC 223, 4 units)

Systems Neuroscience (NSC 222, 4 units)

Physiological Psychology (PSC 208, 4 units)

Topics in Psychobiology (PSC 252, 4 units)

Physiological Correlates of Behavioral Development (HDE 211, 3 units)

Human-Animal Interface:

Ethics of Animal Use (ANS 170, 4 units)

Human-Animal Interactions: Benefits and Issues (PHR 106, 2 units)

Agriculture and the Environment (PLS 101, 3 units)

Science, Experts and Public Policy (ESP 165, 4 units)

Science, Technology and Policy (POL 175, 4 units)

Environmental Public Policy (POL 207, 4 units)

Strategies in Animal Production (ANS 200, 4 units)

Health and Ecological Risk Analysis (EPI 255, 3 units)

Animal Welfare and Applied Behavior:

Animal Welfare (ANS 103, 4 units)

Domestic Animal Behavior (ANS 105, 2 units)
