**ANIMAL BEHAVIOR (ANB)**

**College of Biological Sciences**

**ANB 201 — Scientific Approaches to Animal Behavior**

*Course Description:* Philosophical issues, goals, strategies and tools in field and laboratory research.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Lecture 3 hour(s).

*Repeat Credit:* May be repeated.

*Grade Mode:* Letter.

**ANB 210 — History of Animal Behavior**

*Course Description:* Classic, seminal papers in animal behavior. Discussion of readings and broader historical context in which papers were written.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Discussion 1 hour(s).

*Grade Mode:* Satisfactory/Unsatisfactory only.

**ANB 218A — Fundamentals of Animal Behavior**

*Course Description:* Survey of the phenomena and theory of animal behavior from the perspectives of multiple biological disciplines, including evolution, ecology, psychology, genetics, neurobiology, endocrinology, and animal science.

*Prerequisite(s):* Consent of instructor; upper division undergraduate introduction to the biology of behavior, such as PSC 101, PSC 122, PSC 123, NPB 102, NPB 150, NPB 152, WFC 141, ENT 104, or ANS 105.

*Learning Activities:* Lecture/Discussion 4 hour(s), Discussion 1 hour(s).

*Cross Listing:* PSC 218A.

*Grade Mode:* Letter.

**ANB 218B — Fundamentals of Animal Behavior**

*Course Description:* Survey of the phenomena and theory of animal behavior from the perspectives of multiple biological disciplines, including evolution, ecology, psychology, genetics, neurobiology, endocrinology, and animal science.

*Prerequisite(s):* ANB 218A or PSC 218A; or ECL 218A; consent of instructor.

*Learning Activities:* Lecture/Discussion 4 hour(s), Discussion 1 hour(s).

*Cross Listing:* PSC 218B.

*Grade Mode:* Letter.

**ANB 221 — Animal Behavior, Ecology & Evolution**

*Course Description:* Interface between animal behavior, ecology and evolution. New developments in behavioral ecology development and testing of hypotheses in this discipline.

*Prerequisite(s):* NPB 102; EVE 100, EVE 101; and consent of instructor, or the equivalent; graduate standing.

*Learning Activities:* Lecture 3 hour(s).

*Cross Listing:* PBG 221.

*Grade Mode:* Letter.

**ANB 230A — Interdisciplinary Approaches to Animal Behavior**

*Course Description:* Analysis of literature in behavior and an allied discipline or disciplines that offer the potential, in combination, to advance the understanding of a topic in animal behavior conceptually and empirically. Topics vary from year to year.

*Prerequisite(s):* Consent of instructor.

*Learning Activities:* Seminar 3 hour(s), Term Paper.

*Repeat Credit:* May be repeated.

*Grade Mode:* Letter.

**ANB 230B — Interdisciplinary Approaches to Animal Behavior**

*Course Description:* Development of an empirical or theoretical interdisciplinary approach to research on a current topic in animal behavior.

*Prerequisite(s):* ANB 230A; taken the previous quarter.

*Learning Activities:* Workshop 4 hour(s), Discussion 3 hour(s), Term Paper 1 hour(s).

*Grade Mode:* Letter.

**ANB 270 — Research Conference in Behavioral Ecology**

*Course Description:* Critical presentation and evaluation of current literature and ongoing research in behavioral ecology.

*Prerequisite(s):* Consent of instructor; graduate standing.

*Learning Activities:* Conference 1 hour(s).

*Enrollment Restriction(s):* Limited enrollment.

*Repeat Credit:* May be repeated.

*Grade Mode:* Satisfactory/Unsatisfactory only.

**ANB 287 — Advanced Animal Behavior**

*Course Description:* Reading, reports and discussion on current topics in animal behavior, with a focus on topics that lie at the interface between animal behavior, ecology and evolution.

*Prerequisite(s):* NPB 102; (EVE 100 or EVE 101); and consent of instructor, or the equivalents; graduate standing.

*Learning Activities:* Seminar 2 hour(s).

*Repeat Credit:* May be repeated 2 time(s).

*Cross Listing:* PBG 287.

*Grade Mode:* Letter.

**ANB 290 — Seminar in Animal Behavior**

*Course Description:* Selected topics in animal behavior.

*Prerequisite(s):* Consent of instructor.

*Grade Mode:* Satisfactory/Unsatisfactory only.

**ANB 294 — Seminar in Behavioral Ecology of Predators & Prey**

*Course Description:* Presentation and analysis of research papers on social and foraging behavior of predatory animals, anti-predator strategies of prey species, co-evolution of predators and prey, and ecology of predator prey interactions.

*Prerequisite(s):* Graduate standing.

*Learning Activities:* Seminar 2 hour(s).

*Repeat Credit:* May be repeated 2 time(s).

*Cross Listing:* WFC 294.

*Grade Mode:* Letter.
ANB 298 — Group Study (1-5 units)
Course Description: Lectures and/or discussion of current issues, problems, or techniques in animal behavior.
Prerequisite(s): Consent of instructor; graduate standing.
Learning Activities: Discussion 1-5 hour(s), Laboratory 5-15 hour(s).
Grade Mode: Letter.

ANB 299 — Research (1-12 units)
Course Description: Advanced research in one of the specialty areas in animal behavior.
Learning Activities: Laboratory 3-36 hour(s).
Grade Mode: Satisfactory/Unsatisfactory only.

ANB 396 — Teaching Assistant Training Practicum (1-4 units)
Course Description: Teaching assistant training practicum.
Learning Activities: Variable.
Repeat Credit: May be repeated.
Grade Mode: Pass/No Pass only.