

ANIMAL BEHAVIOR (ANB)

College of Biological Sciences

ANB 201 – Scientific Approaches to Animal Behavior Research (3 units)

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 (1 unit)

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 (5 units)

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 (5 units)

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 (3 units)

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 (3 units)

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 (5 units)

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 (1 unit)

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 (2 units)

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 (1-3 units)

Course Description: Selected topics in animal behavior.

Prerequisite(s): Consent of instructor.

Learning Activities: Seminar 1-3 hour(s).

Grade Mode: Satisfactory/Unsatisfactory only.

ANB 294 – Seminar in Behavioral Ecology of Predators & Prey (3 units)

Course Description: Presentation and analysis of research papers on social and foraging behavior of predatory animals, antipredator 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.