

# BIOL-440 : Animal Behavior

Introduction to the theoretical framework and the methodology of animal behavior research. Students examine the causation, development, current function, and evolutionary history of behavior of invertebrates and vertebrates. Integrates concepts and principles from multiple disciplines to understand behaviors such as foraging and predation, mating systems, communication, parental care, social hierarchies, and territoriality. Students also review the history of the field of animal behavior and the contributions that animal behavior research can make to applied disciplines such as environmental conservation, biomedical research, and human psychology. Offered alternate years.

**Credits** 4

**Prerequisites**

[BIOL-311](#) or [BIOL-314](#) or [PSY-210](#) or [BIOL-350](#) or permission of instructor

**Term Offered**

Spring Only

**Session Cycle**

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