

## Program Learning Outcomes Wildlife, Fish, & Conservation Biology

1. Discuss the biology of wild vertebrates with an emphasis on California taxa, and identify and compare appropriate methods of studying and/or monitoring their physiology, ecology, and populations.
2. Discuss, evaluate, and apply scientific principles to the ecology and conservation of wild vertebrates.
3. Apply a conceptual framework to solve problems in animal ecology and make informed management decisions.
4. Discuss appropriate ecological, mathematical, and statistical concepts and methods to interpret, understand and communicate wildlife ecology and conservation data.
5. Create, interpret, and analyze written text, oral messages, and multimedia presentations used in basic and applied vertebrate biology.