

ZOOLOGY 1, 2 Honors

Course Length: 2 semesters

Credit per semester: 1.0 (Science or Elective)

Grade: 11, 12

Prerequisite: Satisfactory completion of PES Science 1, 2 Honors and Biology 1, 2 Honors or department approval.

Lab Fee: \$5.00

This course will help students identify and understand the diversity and evolutionary relationships of vertebrate groups. This will be an introduction to the natural history, evolution, physiology and behavior of vertebrates with an emphasis on those found in Colorado. The vertebrate groups covered in class include fish, amphibians, reptiles, birds, and mammals. Students should gain knowledge of how to identify these organisms both in the field and from preserved specimens in the laboratory. The issues of conservation and extinction will also be addressed. Independent problem-solving and open-ended labs are required. **STUDENTS MUST BE ABLE TO PROVIDE THEIR OWN TRANSPORTATION TO AND FROM DESIGNATED FIELD EXPERIENCE SIGHTS.**