



NR 2610

Division: Natural Science and Mathematics

Department: Natural Resources

Course: NR 2610

Title: Wildland Animal Ecology and Identification

Catalog Description:

Autecology and identification of important mammals, birds, reptiles, and amphibians of the Intermountain West. Emphasis on native species distribution and habitat requirements.

General Education Requirements: N/A

Semesters Offered: Fall

Credit/Time Requirement: Credit: 4; Lecture: 3; Lab: 3

Clock/Hour Requirements: 0

Offered for Non-Credit: No

Prerequisites: Biol 1620

Justification:

This course will serve students within the natural resources program. It will potentially transfer to USU and other natural resources programs. Students in the natural resources should be able to identify animals in the Intermountain West by site as well as be able to use dichotomous keys to identify them. In addition students should be able to understand why specific animal species live where they do and probable distributions.

Student Learning Outcomes:

Upon successful completion of this course, students will:

- Be able to site identify most vertebrate animals in the Intermountain West.
- Be able to use dichotomous keys and field guides to identify vertebrates.
- Be able to determine animal distributions and understand the ecology of why animals have those distributions.

Content:

This course will include:

- Identification and distribution of mammal species of the Intermountain West.
- Identification and distribution of bird species of the Intermountain West.
- Identification and distribution of reptile species of the Intermountain West.

- Identification and distribution of amphibian species of the Intermountain West.
- Use of dichotomous keys.

General Education Outcomes:

Key Performance Indicators:

Tests 30%

Identification Quizzes 50%

Reports 20%

Representative Text and/or Supplies:

Binoculars

Hand Lenses

Mammals of North America; Kays, Willson

Birds of North America; Zim, Robbins

Reptiles of North America; Smith, Brodie

Optimum Class Size: 24

Maximum Class Size: 48

Signatures:

I hereby submit this course syllabus:

Allan Stevens, , Professor

I hereby find this course consistent with the goals and resources of the Natural Resources Department:

Dan Black, EdD, Associate Professor, Chair

I hereby find this course consistent with the goals and resources of the Natural Science and Mathematics Division:

Dan Black, EdD, Associate Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)