

**Course Objectives/Course Outline**  
**Spokane Community College**

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**Course Title:** Field Sampling Techniques

**Prefix and Course Number:** ENVS 237

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**Course Learning Outcomes:**

**By the end of this course, a student should be able to:**

- The objective of the course is to provide the successful student with the ability to identify birds by sight and sound to qualify for jobs with the landbird monitoring program and other technician jobs that require bird surveying skills.
- Emphasis will be on the birds listed on the Northern Region Landbird Monitoring species list with the addition of a general survey of waterfowl and other common birds in the inland northwest.

**Course Outline:**

- I. Introduction to birding
- II. Waterfowl
  - A. Ducks
  - B. Geese
  - C. Wading birds
- III. Raptors and game birds
- IV. Owls, woodpeckers, corvids
- V. Deciduous forest and brushy riparian species
- VI. Coniferous forest and mixed forest species
- VII. Brushy upland, urban, rocky species
- VIII. High elevation species
- IX. Prairie and sagebrush species

Each group of species will be presented in lecture and testing will occur each week for the species from the previous week. Students will have to identify birds by sight and/or sound. In addition, each week a field trip will be taken to representative habitats for that species group where birds from the list can be found in their natural habitat.