Syllabus

CON 102 Introduction to Fish and Wildlife

General Information

Date
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Department
Science and Technology

Course Prefix
CON

Course Number
102

Course Title
Introduction to Fish and Wildlife

Course Information

Credit Hours
3

Lecture Contact Hours
3

Lab Contact Hours
0

Other Contact Hours
0

Catalog Description
The purpose of this course is to provide the student with an introduction to mammalian and freshwater fisheries biology with emphasis on the identification and natural history of species. Students practice identification skills and information management. This course emphasizes species found in New York.

Prerequisites
None

Co-requisites
None

Grading Scheme
Letter

First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category
None

FLCC Values

Institutional Learning Outcomes Addressed by the Course

Course Learning Outcomes

Course Learning Outcomes

1. Identify North American fish and mammal species with an emphasis on those in NY State.
2. Summarize information from the natural history of fish and mammal species of New York State.
3. Practice connecting natural history information to species management decisions.
4. Develop a learning process for species identification.

Program Affiliation

This course is required as a core program course in the following program

AAS Fish and Wildlife Technology, AAS Natural Resources Conservation, AAS Natural Resources Conservation Law Enforcement , and AS Environmental Studies

Outline of Topics Covered

I. What is a fish?

II. Evolution and classification of fishes

III. External anatomy of fish

IV. Identifying fish

V. Family and species characteristics

VI. Reproduction strategy of fishes

VII. Natural History of families

VIII. What is a mammal?

IX. Classification of mammals

X. Feeding and locomotion strategies

XI. Track and skull morphology

XII. Identification, natural history and management issues for select mammal species