



## Syllabus

### CON 102 Introduction to Fish and Wildlife

#### General Information

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**Date** May 13th, 2024

**Author** John Foust

**Department** Conservation

**Course Prefix** CON

**Course Number** 102

**Course Title** Introduction to Fish and Wildlife

#### Course Information

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**Catalog Description** The purpose of this course is to provide students with an introduction to vertebrate biology and ecology with emphasis on the identification and natural history of species. Students practice identification skills and information management. This course emphasizes vertebrates including fish, amphibians, reptiles, birds and mammals found in New York.

**Credit Hours** 3

**Lecture Contact Hours** 3

**Lab Contact Hours** 0

**Other Contact Hours** 0

**Grading Scheme** Letter

#### Prerequisites

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None

#### Co-requisites

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None

#### First Year Experience/Capstone Designation

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

# SUNY General Education

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**This course is designated as satisfying a requirement in the following SUNY Gen Ed categories**

None

## FLCC Values

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### **Institutional Learning Outcomes Addressed by the Course**

Vitality, Inquiry, Perseverance, and Interconnectedness

## Course Learning Outcomes

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### **Course Learning Outcomes**

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

## Outline of Topics Covered

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I. What is a fish? External anatomy of fish II. Family and species characteristics III. Reproduction strategy of fishes IV. Natural history of fish families VIII. What is an amphibian? IX. Classification of amphibians X. Amphibian family and species characteristics. XI. Identification, natural history, and management issues for select amphibian species XII. What is a reptile? XIII. Classification of reptiles XIV. Reptile family and species characteristics. XV. Identification, natural history, and management issues for select reptile species XVI. What is a bird? XVII. Classification of birds XVIII. Bird family and species characteristics. XIX. Identification, natural history, and management issues for select bird species XX. What is a mammal? XXI. Classification of mammals XXII. Mammal family and species characteristics. XXIII. Identification, natural history, and management issues for select mammal species