



### **Twin Cities Campus**

## **Fisheries, Wildlife, and Conservation Biology Minor**

*Fisheries, Wildlife, and Conservation Biology*

### **College of Food, Agricultural and Natural Resource Sciences**

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2016
- Required credits in this minor: 16 to 18

The fisheries, wildlife, and conservation biology minor enables students in programs such as biology, communications, education, forestry, natural resources, environmental studies, and others to develop an understanding of the principles and practices of fisheries, wildlife, and conservation biology. An overview is provided of fish and wildlife biology and the general principles applied to managing their populations and habitats. Students interested in the minor should contact the CFANS Student Services Office.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)

## **Minor Requirements**

### **Ecology**

[FNRM 3104](#) - Forest Ecology (4.0 cr)  
or [EEB 3407](#) - Ecology (3.0 cr)  
or [EEB 3408W](#) - Ecology [WI] (4.0 cr)  
or any other ecology course approved by the Undergraduate Coordinator

### **Principles of Fisheries, Wildlife and Conservation Biology**

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

- [FW 2001W](#) - Introduction to Fisheries, Wildlife, and Conservation Biology [ENV, WI] (3.0 cr)
- [FW 2003](#) - Introduction to Marine Biology (3.0 cr)
- [FW 4102](#) - Principles of Conservation Biology [ENV] (3.0 cr)
- [FW 4103](#) - Principles of Wildlife Management (3.0 cr)

### **Human Dimensions**

Note: may not take both 3000 & 5000 versions of the same class.

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

- [ESPM 3011W](#) - Ethics in Natural Resources [CIV, WI] (3.0 cr)
- [ESPM 3202W](#) - Environmental Conflict Management, Leadership, and Planning [WI] (3.0 cr)
- [ESPM 3245](#) - Sustainable Land Use Planning and Policy [ENV] (3.0 cr)
- [ESPM 3271](#) - Environmental Policy, Law, and Human Behavior [CIV, SOCS] (3.0 cr)
- [FW 3925](#) - Human Dimensions of Fisheries and Wildlife Management (3.0 cr)

### **Taxonomy**

Take 1 or more course(s) totaling 4 or more credit(s) from the following:

- [FW 4101](#) - Herpetology (4.0 cr)
- [EEB 4129](#) - Mammalogy (4.0 cr)
- [EEB 4134](#) - Introduction to Ornithology (4.0 cr)
- [FW 4136](#) - Ichthyology (4.0 cr)
- [EEB 4839](#) - Field Studies in Mammalogy (4.0 cr)
- [EEB 4844](#) - Field Ornithology (3.0 cr)

### **Advanced FW**

Courses may require senior status and/or instructor's permission.

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

- [FW 4401](#) - Fish Physiology and Behavior (3.0 cr)
- [FW 5051](#) - Analysis of Populations (4.0 cr)
- [FW 5601](#) *(Inactive)* (3.0 cr)
- [FW 5603W](#) - Habitats and Regulation of Wildlife [WI] (3.0 cr)
- [FW 5604W](#) *(Inactive)* [WI] (3.0 cr)
- [ESPM 5071](#) - Ecological Restoration (4.0 cr)
- [ESPM 5245](#) - Sustainable Land Use Planning and Policy (3.0 cr)



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- [FW 5003](#) - Human Dimensions of Biological Conservation (3.0 cr)