

WILDLIFE & FISHERIES CONSERVATION MINOR

for the Undergraduate Minor in Wildlife & Fisheries Conservation

The Wildlife and Fisheries Conservation minor is ideal for students in biology-centered fields who seek additional instruction related to the management and conservation of undomesticated fish and animals. This minor is not available to NRES majors, but it is open to students in all other majors.

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The minor requires the completion of 17-19 hours of coursework selected from the following list. Six hours of advanced course work must be distinct from credit required in major or another minor.

| Code | Title | Hours |
|---|--------------------------------|-----------|
| Required Courses for a Minor in Wildlife & Fisheries | | |
| NRES 219 or IB 203 | Applied Ecology Ecology | 3 |
| NRES 348 | Fish and Wildlife Ecology | 3 |
| Pick one: | | |
| NRES 407 | Wildlife Population Ecology | |
| NRES 409 | Fishery Ecol and Conservation | |
| Pick one: | | |
| NRES 465 | Landscape Ecology | |
| NRES 420 | Restoration Ecology | |
| NRES 429 | Aquatic Ecosystem Conservation | |
| NRES 480 | Human-Wildlife Interactions | |
| NRES 485 | Stream Ecosystem Management | |
| Pick one: | | |
| NRES 302 | Dendrology | |
| IB 407 | Plant Diversity and Evolution | |
| NRES 415 | Native Plant ID and Floristics | |
| IB/NRES 461 | Ornithology | |
| IB 462/NRES 442 | Mammalogy | |
| IB/NRES 463 | Ichthyology | |
| IB/NRES 464 | Herpetology | |
| Total Hours | | 17 |

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The Wildlife & Fisheries Conservation Minor provides students in biology-centered fields instruction related to the management and conservation of undomesticated animals. Courses in the minor are also part of the NRES major and each course addresses one or more of the following NRES major learning outcomes.

1. Understand the scientific method/ways of knowing and critically evaluate information.

2. Integrate principles of biological, chemical, physical, and social sciences and apply them to resource and environmental issues using a systems approach.
3. Understand ecological principles underpinning management of resources, populations, communities, and ecosystems.
4. Use data collection and analysis tools (such as field methods, GIS, modeling, and statistics) to develop plans for managing resource/environmental challenges and adapt plans in response to rapid change.
5. Understand the policies governing resources and the environment and identify social dimensions (stakeholders, interests, trade-offs, synergies, ethical principles) to consider in the development of management plans.
6. Communicate effectively with colleagues, stakeholders, and the public about environmental and resource management issues.
7. Recognize how diverse groups understand the environment, experience positive and negative environmental impacts, and perceive just and equitable solutions.

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Natural Resources & Environmental Sciences

Natural Resources & Environmental Sciences website (<https://nres.illinois.edu/>)
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College of Agricultural, Consumer & Environmental Sciences

College of Agricultural, Consumer & Environmental Sciences website (<https://aces.illinois.edu/>)

ACES Office of Academic Programs

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Advising

Advising Website (<https://nres.illinois.edu/academics/undergraduate-degree/academic-resources/>)
(217) 333-5824
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Admissions

ACES Undergraduate Admissions (<https://aces.illinois.edu/admissions/>)
University of Illinois Urbana-Champaign Undergrad Admissions (<https://www.admissions.illinois.edu/>)
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