NATURAL RESOURCES & ENVIRONMENTAL SCIENCES: FISH, WILDLIFE & CONSERVATION BIOLOGY, BS

or the degree of Bachelor of Science Major in Natural Resources & Environmental Sciences, Fish, Wildlife & Conservation Biology Concentration

department website: https://nres.illinois.edu/
department faculty: https://nres.illinois.edu/directory/faculty
overview of college admissions & requirements: Agricultural, Consumer & Environmental Sciences (http://catalog.illinois.edu/schools/aces/academic-units/#text)
college website: https://aces.illinois.edu/

Fish, Wildlife and Conservation Biology emphasizes the ecology, conservation, and sustainable management of fish and wildlife species and communities. It is designed for students interested in understanding interactions among humans, wild animals, and their habitats. The concentration includes coursework in conservation of threatened and endangered species, management of harvested species, aquatic ecosystem conservation, animal behavior, vertebrate natural history, identification of animals and plants, and advanced ecology.

for the degree of Bachelor of Science Major in Natural Resources & Environmental Sciences, Fish, Wildlife & Conservation Biology Concentration

- **Prescribed Courses including Campus General Education**
  - **Composition I and Speech**
    - Select one of the following:
      - RHET 105 Writing and Research
      - CMN 101 Public Speaking (or equivalent) (see College Composition I requirement)
    - 6-7
  - **CMN 111 Oral & Written Comm I**
    - CMN 112 and Oral & Written Comm II
  - **Advanced Composition**
    - Select from campus approved list
    - 3-4
  - **Cultural Studies**
    - Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.
    - 9
  - **Foreign Language**
    - Coursework at or above the third level is required for graduation.
  - **Quantitative Reasoning I**
    - Select one of the following:
      - MATH 220 Calculus
      - MATH 221 Calculus I
      - MATH 234 Calculus for Business I
    - 4-5
  - **Quantitative Reasoning II**
    - Select one of the following:
      - ACE 261 Applied Statistical Methods
    - 3-4

- **Natural Sciences and Technology**
  - **CHEM 102 General Chemistry I**
    - CHEM 103 and General Chemistry Lab I
    - 4
  - **CHEM 104 General Chemistry II**
    - CHEM 105 and General Chemistry Lab II
    - 4
  - **IB 103 Introduction to Plant Biology**
    - 4
  - Select one of the following:
    - IB 150 Organisal & Evolutionary Biol
    - IB 151 Organisal & Evol Biol Lab
    - or IB 104 Animal Biology
    - 4-5

- **Humanities and the Arts**
  - Select from campus approved list.
  - 6

- **Social and Behavioral Sciences**
  - ACE 100 Agr Cons and Resource Econ
    - ACE 102 Microeconomic Principles
    - 3-4
  - Select one additional course from campus approved list.
    - 3-4

- **Natural Resources and Environmental Sciences Required (Core)**
  - NRES 102 Introduction to NRES
    - 3
  - NRES 201 Introductory Soils
    - 4
  - NRES 219 Principles of Ecosystem Mgmt
    - 3
  - NRES 287 Environment and Society
    - 3
  - NRES 325 Natural Resource Policy Mgmt
    - 3
  - NRES 348 Fish and Wildlife Ecology
    - 3
  - NRES 421 Quantitative Methods in NRES
    - 3
  - NRES 454 GIS in Natural Resource Mgmt
    - 4
  - NRES 456 Integrative Ecosystem Management
    - 3
  - NRES 285 Field Experience
    - 1.2
  - One additional Field Experience course
    - 1-2
  - NRES 285 Field Experience (repeatable)
  - NRES 293 Professional Internship
  - NRES 294 Resident Internship
  - NRES 295 Undergrad Research or Thesis

- **ACES Required**
  - ACE 101 Contemporary Issues in ACES
    - 2

- **Required Concentration**
  - Concentration prescribed courses. See specific requirements for each concentration listed below.
  - 19-29

- **Total Hours**
  - 126

Information listed in this catalog is current as of 08/2019
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<th>Code</th>
<th>Title</th>
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<tr>
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<td><strong>Concentration Core Requirements</strong></td>
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<tr>
<td>NRES 407</td>
<td>Wildlife Population Ecology</td>
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<td>NRES 409</td>
<td>Fishery Ecol and Conservation</td>
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<td><strong>Concentration Elective Requirements</strong></td>
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<td>One Organismal Biology/Identification Course</td>
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<td>IB 461</td>
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<td>One Specialization Course</td>
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<td>Env and Plant Ecosystems</td>
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<td>IB 329</td>
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<td>IB 451</td>
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<td>One Plant Classification/Identification Course</td>
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