



Name: _____

B.S. in WILDLIFE ECOLOGY (total credit requirement = 120)

ID #: _____

Concentration/Minor: _____

First Year

BIO 100
ENG 101
MAT 116 **or**
MAT 122 **or**
MAT 126
WLE 100

Fall Semester

Basic Biology
College Composition
Introduction to Calculus (C) **or**
Pre-Calculus (C) **or**
Calculus I (C-)
Introduction to Wildlife Resources
*Gen. Ed. Requirements for WLE

semester/yr. passed

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|----|--|--|
| 4 | | |
| 3 | | |
| 3 | | |
| or | | |
| 4 | | |
| 1 | | |
| | | |
| | | |

Total:

First Year

BIO 200
CMJ 103 **or**
CMJ 107
ECO 120
WLE 150

Spring Semester

Biology of Organisms
Public Speaking (Variable) **or**
Communication and the Environment (Fall)
Principles of Microeconomics
Wildlife Field Trip
*Gen. Ed. Requirements for WLE

semester/yr. passed

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| 4 | | |
| 3 | | |
| 3 | | |
| 1 | | |
| | | |
| | | |

Total:

Second Year

BIO 329
BIO 331
CHY 121/123 **or**
PHY 111
WLE 200
WLE 201

Fall Semester

Vertebrate Biology
Vertebrate Biology Lab
General Chemistry I and Lab **or**
General Physics I
Ecology (C-)
Ecology Laboratory (C-)

semester/yr. passed

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| 3 | | |
| 1 | | |
| 4 | | |
| 3 | | |
| 3 | | |
| | | |

Total:

Second Year

CHY 121/123 **or**
CHY 122/124
EES 140 **or**
ERS 101 **or**
ERS 102
WLE 220

Spring Semester

General Chemistry I and Lab **or**
General Chemistry II and Lab
Soil Science **or**
Introduction to Geology **or**
Environmental Geology
Intro. to Ecological Statistics (C-)
*Gen. Ed. Requirements for WLE

semester/yr. passed

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| 4 | | |
| 3 | | |
| or | | |
| 4 | | |
| 4 | | |
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Total:

May Term

WLE 250 Wildlife Field Survey

semester/yr. passed

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|---|--|--|
| 3 | | |
|---|--|--|

Third Year

BIO 326 **or**
BIO 353
BIO 464
WLE 461

Fall Semester

General Entomology **or**
Invertebrate Zoology (Spring)
Taxonomy of Vascular Plants
Human Dimensions Fish & Wildl. Conserv.
Aquatic Ecology Elective

semester/yr. passed

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| 4 | | |
| 3 | | |
| 3 | | |
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Total:

Third Year

BIO 250 **or**
BIO 265
ECO 377 **or**
EES 351
SFR 400
WLE 470

Spring Semester

Concepts & Applications of Genetics (Fall) **or**
Fundamentals of Evolution
Intro. Natrl. Rsrc. Econ. & Policy (Fall of fourth year) **or**
Energy, Wealth, and Power: Biophysical Systems
Applied Geographical Info. Systems
Wildlife Policy and Administration
Concentration Requirement (If not enrolling in EES 351)

semester/yr. passed

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|---|--|--|
| 3 | | |
| 3 | | |
| 4 | | |
| 3 | | |
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| | | |

Total:

Fourth Year

* If you did not take EES 351, you must take ECO 377
ECO 377 Intro. Natural Resource Econ. & Policy
SFR 349 **or** Applied Forest Ecology & Silviculture **or**
WLE 423 Wetland Ecology & Conservation
WLE 410/411 Wildl. Population Dynam. & Conserv./Lab
Concentration Requirement
Concentration Requirement
Concentration Requirement (If not enrolling in ECO 377)

Fall Semester

semester/yr. passed

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|---|--|--|
| 3 | | |
| 4 | | |
| 4 | | |
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Total:

Fourth Year

WLE 450
WLE 455 **or**
WLE 457

Spring Semester

Wildlife-Habitat Relationships
Wildlife-Habitat Evaluation **or**
Ecology and Management of Game Birds
Concentration Requirement
Concentration Requirement **or**
*Gen. Ed. Requirements for WLE

semester/yr. passed

| | | |
|---|--|--|
| 3 | | |
| 2 | | |
| 3 | | |
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| | | |
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Total:

*** WLE Required General Education Catagories**

Ethics
Western Cultural Tradition
Cultural Div. & Int'l Perspectives
Artistic and Creative Expression

semester/yr.

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These credits are included in the semester totals above.

Other Courses Completed

semester/yr. passed

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Total:

General Education Requirements

Use your degree progress report to keep track of your WLE program progress. Your degree progress report can be found under the Academics section of your MaineStreet account.

Human Values and Social Context

* Students must pass 1 course in each of the 5 subcategories and earn a total of 18 credits.

| | Semester | Grade | Credits |
|---|----------|-------|---------|
| Western Cultural Tradition course | | | |
| Social Context and Institutions course | | | 3 |
| Social Context and Institutions course | | | 3 |
| Cultural Div. & Int'l Perspectives course | | | |
| Population and the Environment course | | | 3 |
| Artistic and Creative Expression course | | | |
| Total: | | | |

Ethics Requirement

| | Semester | Grade | Credits |
|---------------|----------|-------|---------|
| Ethics course | | | |
| Total: | | | |

Sciences Requirement

| | Semester | Grade | Credits |
|--|-------------|-------|---------|
| Lab Science course | BIO 100 | | 4 |
| Applications of Scientific Knowledge course a second Lab Science course | CHY 121/123 | | 4 |
| Total: | | | |

Quantitative Literacy Requirement

*Student must pass 6 credits of Quantitative Literacy courses.

| | Semester | Grade | Credits |
|------------------------------|-------------------------------------|-------|---------|
| | MAT 116 or MAT 122 or MAT 126 | | |
| Quantitative Literacy course | | | |
| Quantitative Literacy course | WLE 220 | | 3 |
| Total: | | | |

Writing Competency Requirement

| | Semester | Grade | Credits |
|---------------------------------------|------------|-------|---------|
| English 101 | ENG 101 | | 3 |
| Writing Intensive course Within Major | WLE 201 | | 3 |
| | WLE 455 or | | |
| Second Writing Intensive course | | | |
| Total: | | | |

Capstone Experience Requirement

| | Semester | Grade | Credits |
|-----------------|-----------------------|-------|---------|
| Capstone course | WLE 450 | | 3 |
| | WLE 455 or WLE 457 | | |
| Capstone course | | | |
| Total: | | | |

Concentration Requirements

Students majoring in Wildlife Ecology must declare a concentration. However, students may complete the Honors Program or double major or pursue a minor in a related discipline as approved by their advisor and Undergraduate Program Coordinator as an alternative to a Concentration.

****Core Curriculum courses can not be used to satisfy any concentration requirement.****

Students pursuing a Fisheries Concentration must complete the following requirements for a minimum of 13 credits.

| | Semester | Grade | Credits |
|------------------------|----------|-------|---------|
| ** Required Course | WLE 340 | | |
| ** Required Course | WLE 341 | | |
| Fisheries Course | | | |
| Aquatic Science Course | | | |
| Aquatic Science Course | | | |
| Total: | | | |

Students pursuing a Wildlife Science and Management Concentration must complete the following requirements for a for minimum of 12 credits.

| | Semester | Grade | Credits |
|---|----------|-------|---------|
| ** Required Course Communications Elective In addition to ENG 101, CMJ 103, or 107 and WLE 461 | | | |
| Organismal Biology Course | | | |
| Management Course | | | |
| Science Course | | | |
| Total: | | | |

Students pursuing a concentration in Conservation Biology must complete the following requirements for a minimum of 15 credits.

| | Semester | Grade | Credits |
|---|-----------------------|-------|---------|
| ** Required Course | WLE 323 or WLE 479 | | |
| Organismal Biology course | | | |
| Ecology and Management of Ecosystems Course | | | |
| Social Science Aspects of Conservation Course | | | |
| Social Science Aspects of Conservation Course | | | |
| Total: | | | |

Aquatic Ecology Elective Options

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|-----|-----|--|------------------|
| BIO | 430 | Ecol. & System Aquatic Insect | Fall, Odd years |
| BIO | 463 | River Ecology | Fall, Even years |
| BIO | 468 | Lake Ecology | Fall, Odd years |
| SMS | 302 | Oceanography | Fall |
| SMS | 308 | Conservation & Ecol. of Marine Mammals | Fall |
| SMS | 321 | Intro Fisheries Science | Spring |
| SMS | 322 | Biology of Marine Vertebrates | Variable |
| SMS | 374 | Deep Sea Biology | Spring, Summer |
| SMS | 423 | The Biology of Sharks | Spring |
| WLE | 340 | Freshwater Fisheries Ecol/Mgt | Fall, Odd years |
| WLE | 423 | Wetland Ecol & Conservation | Fall |