### General Education Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1113</td>
<td>Composition I</td>
<td>3</td>
</tr>
<tr>
<td>or ENGL 1313</td>
<td>Critical Analysis and Writing I</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1213</td>
<td>Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1413</td>
<td>Critical Analysis and Writing II</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1103</td>
<td>Survey of American History</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1483</td>
<td>American History to 1865 (H)</td>
<td>3</td>
</tr>
<tr>
<td>HIST 1493</td>
<td>American History Since 1865 (DH)</td>
<td>3</td>
</tr>
<tr>
<td>POLS 1113</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1513</td>
<td>College Algebra (A) (^1)</td>
<td>3</td>
</tr>
<tr>
<td>STAT 2013</td>
<td>Elementary Statistics (A) (^1)</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Humanities (H)

- Courses designated (H) | 6

#### Natural Sciences (N)

- Must include one Laboratory Science (L) course | 6

#### Analytical & Quantitative Thought (A)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGCM 3103</td>
<td>Written Communications in Agricultural Sciences and Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>BCOM 3113</td>
<td>Written Communication</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 3323</td>
<td>Technical Writing</td>
<td>3</td>
</tr>
</tbody>
</table>

### American History & Government

Select one of the following: | 3
- HIST 1003
- HIST 1483
- HIST 1493
- POLS 1113

### Analytical & Quantitative Thought (A)

<table>
<thead>
<tr>
<th>Code</th>
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<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>MATH 1513</td>
<td>College Algebra (A) (^1)</td>
<td>3</td>
</tr>
<tr>
<td>STAT 2013</td>
<td>Elementary Statistics (A) (^1)</td>
<td>3</td>
</tr>
</tbody>
</table>

### Additional General Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NREM 1012</td>
<td>Introduction to Natural Resource Ecology and Management</td>
<td>2</td>
</tr>
<tr>
<td>NREM 2083</td>
<td>Geospatial Technologies for Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>NREM 3012</td>
<td>Applied Ecology Laboratory</td>
<td>2</td>
</tr>
<tr>
<td>NREM 3503</td>
<td>Principles of Wildlife Ecology and Management</td>
<td>3</td>
</tr>
<tr>
<td>NREM 4001</td>
<td>Issues In Global Change</td>
<td>1</td>
</tr>
<tr>
<td>NREM 4043</td>
<td>Natural Resource Administration and Policy</td>
<td>3</td>
</tr>
<tr>
<td>PBIO 1404</td>
<td>Plant Biology (LN)</td>
<td>4</td>
</tr>
</tbody>
</table>

### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan | 4

- Select at least one Diversity (D) course | 4
- Select at least one International Dimension (I) course | 4

### College Requirements

#### Core Courses

Select one of the following: | 3
- ANSI 3423 | Animal Genetics |
- BCOM 3113 | General Genetics |
- BIOL 4413 | Biology of Fishes |
- BIOL 4434 | Limnology |
- CHEM 1225 | Chemical Principles II (LN) |
- CHEM 1315 | Chemistry II (LN) |

#### Written and Oral Communications

Select one of the following: | 3
- AGCM 3103 | Written Communications in Agricultural Sciences and Natural Resources |
- BCOM 3113 | Written Communication |
- ENGL 3323 | Technical Writing |

### Major Requirements

#### Core Courses

Select one of the following: | 3
- ANSI 3423 | Animal Genetics |
- BCOM 3113 | General Genetics |
- BIOL 4413 | Biology of Fishes |
- BIOL 4434 | Limnology |
- CHEM 1225 | Chemical Principles II (LN) |
- CHEM 1315 | Chemistry II (LN) |

#### Additional General Education

- Courses designated (A), (H), (N), or (S) | 3

#### Diversity (D) & International Dimension (I)

May be completed in any part of the degree plan | 4

- Select at least one Diversity (D) course | 4
- Select at least one International Dimension (I) course | 4

### Total Hours

- Hours Subtotal | 125

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\(^1\) See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition/)

\(^2\) For majors requiring Major Requirement \(^2\) hours, select one of the following: | 4
- CHEM 1225 | Chemical Principles II (LN) |
- CHEM 1315 | Chemistry II (LN) |

### Hours Subtotal

- Hours Subtotal | 125
STAT 3013  Intermediate Statistical Analysis 3
or STAT 4013  Statistical Methods I (A)

Related Courses

Select courses from among the following or other courses in consultation with a faculty advisor for additional breadth, or to create a specialty emphasis area.

Select one of the following:

AGEC 3503  Natural Resource Economics
AGEC 3723  Environmental Law for Agriculture and Natural Resources
ENVR 4512  Introduction to National Environmental Policy Act
GEOG 3153  Conservation of Natural Resources (S)
HIST 4523  American Environmental History (H)
NREM 3502  Wildlife Law Enforcement
NREM 4053  Natural Resource Recreation
POLS 4363  Environmental Law And Policy
SOC 4433  Environmental Sociology (S)

Select 2 hours of the following:

ANSI 3543  Principles of Animal Nutrition
BIOL 3114  Vertebrate Zoology
BIOL 3153  Animal Behavior
BIOL 3513  Principles of Conservation Biology
BIOL 4113  Conservation Genetics
BIOL 4133  Evolution
BIOL 4174  Mammalogy
BIOL 4303  Organismal Ecotoxicology
BIOL 4363  Principles of Toxicology
GEOG 4203  Fundamentals of Geographic Information Systems
GEOG 4263  Geospatial Applications for Unmanned Aerial Systems
GEOG 4333  Remote Sensing
GEOG 4343  Geographic Information Systems: Resource Management Applications
NREM 3063  Natural Resource Biometrics
NREM 3091  Field Applications of Geospatial Technologies for Natural Resources
NREM 3101  Forest Resource Field Studies
NREM 3111  Natural Resource Field Studies
NREM 3143  Forest Biology
NREM 3224  Silviculture
NREM 3502  Wildlife Law Enforcement
NREM 3613  Principles of Rangeland Management
NREM 4023  Restoration Ecology
NREM 4033  Ecology Of Invasive Species
NREM 4053  Natural Resource Recreation
NREM 4093  Natural Resources, People and Sustainable Development (I)
NREM 4403  Wetland Ecology and Management
NREM 4522  Wildlife Management Applications and Planning
NREM 4523  Wildlife Management Techniques
NREM 4533  Wildlife Management for Game Species
NREM 4543  Wildlife Management for Biodiversity
NREM 4960  Undergraduate Internship
NREM 4980  Undergraduate Research
NREM 4990  Special Topics in Natural Resource Ecology and Management
PBIO 4005  Field Botany

Hours Subtotal 45

Electives

Select 0 hours or hours to complete required total for degree

Total Hours 125

1 College & Departmental requirements that may be used to meet General Education requirements.
2 If used as (N) course above, then hours are reduced by course hours.
3 If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above; hours in this block are reduced by 3.
4 If used as (S) course above, then hours are reduced by three.
5 May not use a course used above in Core Courses. Also may not use the same class for credit in both groups below.

Other Requirements

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.

Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2029.