### General Education Requirements - 40 Credits Required

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Experience (F)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>AGRI 189</td>
<td>Skills for Academic Success</td>
<td>1</td>
</tr>
<tr>
<td>Communication (C)</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>ENGL 110</td>
<td>College Composition I</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 120</td>
<td>College Composition II</td>
<td>3</td>
</tr>
<tr>
<td>COMM 110</td>
<td>Fund of Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 110</td>
<td>Upper Level Writing *</td>
<td>3</td>
</tr>
<tr>
<td>Quantitative Reasoning (R)</td>
<td>3</td>
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<tr>
<td>STAT 330</td>
<td>Introductory Statistics***</td>
<td>3</td>
</tr>
<tr>
<td>Science &amp; Technology (S)</td>
<td>10</td>
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</tr>
<tr>
<td>BIOL 124</td>
<td>Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121</td>
<td>General Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 121L</td>
<td>General Chemistry I Lab</td>
<td>1</td>
</tr>
<tr>
<td>GEOL 105</td>
<td>Physical Geology</td>
<td>3</td>
</tr>
<tr>
<td>Humanities &amp; Fine Arts (A)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Social &amp; Behavioral Sciences (B)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>ECON 201</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td><strong>SOC or POLS</strong></td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Introduction to Sociology or</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to Political Science</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Wellness (W)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Cultural Diversity (D)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Global Perspectives (G)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEOL 105</td>
<td>Physical Geology</td>
<td></td>
</tr>
</tbody>
</table>

*Students transferring in 24 or more credits do not need to take AGRI 189.

*Select from ENGL 320, 321, 324 or 358 to satisfy the Upper Level Writing for General Education.

**Choose Stream I or II. Complete both courses listed.

<table>
<thead>
<tr>
<th>Stream One</th>
<th>Stream Two</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 110</td>
<td>POLS 110</td>
</tr>
<tr>
<td>POLS 453</td>
<td></td>
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</tbody>
</table>

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### Natural Resources Management Major - 82 Credits Required

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 111</td>
<td>Concepts of Biology ****</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 151/L</td>
<td>General Biology II/Lab</td>
<td>3/1</td>
</tr>
<tr>
<td>BIOL 364</td>
<td>General Ecology</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 117</td>
<td>Chemical Concepts &amp; Appl****</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 117/L or BIOL 111L</td>
<td>Chemical Concepts &amp; Appl/Lab**** or Concepts of Biology Lab****</td>
<td>1</td>
</tr>
<tr>
<td>ECON 481</td>
<td>Natural Resources Economics</td>
<td>3</td>
</tr>
<tr>
<td>HIST 434</td>
<td>Environmental History</td>
<td>3</td>
</tr>
<tr>
<td>NRM 150</td>
<td>NRM Orientation</td>
<td>1</td>
</tr>
<tr>
<td>NRM 225</td>
<td>Natural/Agro-ecosystems</td>
<td>3</td>
</tr>
<tr>
<td>NRM/SOIL 264</td>
<td>Natural Resources Mgt Systems</td>
<td>3</td>
</tr>
<tr>
<td>NRM 431</td>
<td>NEPA &amp; Environ Impact Assessment</td>
<td>3</td>
</tr>
<tr>
<td>NRM 491</td>
<td>Seminar (Capstone)</td>
<td>2</td>
</tr>
<tr>
<td>POLS 215 or 360 or 422</td>
<td>Problems/Policies Am Govt. OR State/Local Politics</td>
<td>3</td>
</tr>
<tr>
<td>RNG or GEOG 452 or 455</td>
<td>GIS Range Survey OR Biogeography</td>
<td>3</td>
</tr>
<tr>
<td><strong>SOC or POLS</strong></td>
<td>Environmental Sociology OR Environmental Policy/Politics</td>
<td>3</td>
</tr>
<tr>
<td>SOIL 210</td>
<td>Introduction to Soil Science</td>
<td>3</td>
</tr>
</tbody>
</table>

**EMPHASIS ELECTIVES - 38 minimum credits required**

The NRM Emphasis courses (listed on the backside of this guide) complete the program with focused study in one of six natural resource areas.

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**Minimum Credits Required for Graduation:** 128
### Biotic Resources Science

<table>
<thead>
<tr>
<th>Required: 10 units</th>
<th>Units</th>
<th>Register...</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOT 150/150L Gen Biology I + Lab</td>
<td>3 + 1</td>
<td>Junior Fall or Spring</td>
</tr>
<tr>
<td>CHEM 122 Gen Chemistry II</td>
<td>3</td>
<td>Junior Fall</td>
</tr>
<tr>
<td>CHEM 240 Survey of Organic Chem</td>
<td>3</td>
<td>Senior Fall</td>
</tr>
<tr>
<td>RNG 336 Intro Range Mgmt</td>
<td>3</td>
<td>Junior Fall</td>
</tr>
<tr>
<td>RNG/NRM 453 Range Watershed</td>
<td>3</td>
<td>Junior or Senior Spring</td>
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</table>

### Environmental Communication

<table>
<thead>
<tr>
<th>Required: 16 units</th>
<th>Units</th>
<th>Register...</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMM 112 Media/Sozial Change</td>
<td>3</td>
<td>Soph Fall or Spring</td>
</tr>
<tr>
<td>COMM 200 Intro Media Writing</td>
<td>3</td>
<td>Junior Fall</td>
</tr>
<tr>
<td>COMM/PSC/CI 325 Research Methods</td>
<td>4</td>
<td>Junior Fall</td>
</tr>
<tr>
<td>COMM 455 Issues Env Comm</td>
<td>(3 + 1</td>
<td>Junior Fall (Fall)</td>
</tr>
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</table>

### Natural Resources Economics

<table>
<thead>
<tr>
<th>Required: 9 units</th>
<th>Units</th>
<th>Register...</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 146 Calculus I (1 or 165)</td>
<td>4 or 4</td>
<td>Soph Fall</td>
</tr>
</tbody>
</table>

### Electives: Choose 28 units from the approved electives list for this emphasis. 21 of the 28 units must be from 300-400 level courses.

### Electives: Choose 22 units from the approved electives list for this emphasis. 11 of the 22 units must be from 300-400 level courses.

### Physical/Earth Resources Science

<table>
<thead>
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<th>Required: 16 (18) units</th>
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<th>Register...</th>
</tr>
</thead>
<tbody>
<tr>
<td>CE 108 College Phys I</td>
<td>4</td>
<td>Junior Fall or Spring</td>
</tr>
<tr>
<td>GEOL 412 Geomorphology</td>
<td>3</td>
<td>Senior Fall</td>
</tr>
<tr>
<td>or (SOIL 444 Soil Agrology)</td>
<td>(4</td>
<td>(Senior Fall)</td>
</tr>
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<td>(4</td>
<td>(Senior Fall)</td>
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<tr>
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<td>(4</td>
<td>(Senior Fall)</td>
</tr>
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</table>

### Electives: Choose 22 (or 20) units from the approved electives list for this emphasis. 17 of the 22 (or 15 of the 20) units must be from 300-400 level courses.

### Electives: Choose 18 units from the approved electives list for this emphasis. 12 of the 18 units must be from 300-400 level courses.

### Electives: Choose 31 units from the approved electives list for this emphasis. 14 of the 31 units must be from 300-400 level courses.

### Required: 10 units

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<tr>
<td>RNG/NRM 453 Range Watershed</td>
<td>3</td>
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