# Rangeland, Wildlife and Fisheries Management - BS, Natural Resources Management and Policy Track

## Program Requirements

### First Year

#### Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 105</td>
<td>Introduction to Agricultural Economics</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>MATH 140</td>
<td>Mathematics for Business and Social Sciences</td>
<td>1</td>
</tr>
<tr>
<td>RWFM 101</td>
<td>Exploring Rangeland, Wildlife and Fisheries Management</td>
<td>1</td>
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</tbody>
</table>

**Semester Credit Hours:** 14

#### Spring

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 112</td>
<td>Introductory Biology II</td>
<td>4</td>
</tr>
<tr>
<td>ECCB 205</td>
<td>Fundamentals of Ecology</td>
<td>3</td>
</tr>
<tr>
<td>ECCB 215</td>
<td>Fundamentals of Ecology--Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>MATH 142</td>
<td>Business Calculus</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 202</td>
<td>Concepts in Applied Plant Biology</td>
<td>3</td>
</tr>
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**Semester Credit Hours:** 14

### Second Year

#### Fall

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<thead>
<tr>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 210</td>
<td>Technical and Professional Writing or Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 305</td>
<td>Principles and Practices of Wildlife and Fisheries Management</td>
<td>3</td>
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**Semester Credit Hours:** 14

#### Spring

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creative arts [link]</td>
<td>Concepts in Applied Plant Biology</td>
<td>3</td>
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**Semester Credit Hours:** 16

### Third Year

#### Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>RWFM 308</td>
<td>Fish and Wildlife Laws and Administration</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 314</td>
<td>Principles of Rangeland Management Around the World</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 322</td>
<td>Community Development and Sustainability</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 323</td>
<td>Parks and Protected Area Management</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 405</td>
<td>Urban Wildlife and Fisheries</td>
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**Semester Credit Hours:** 15

#### Spring

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AGEC 325</td>
<td>Principles of Farm and Ranch Management</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 336</td>
<td>Research Methods in the Human Dimensions of Natural Resources</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 345</td>
<td>Human Dimensions of Natural Resource Management and Policy</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 440</td>
<td>Wetland Delineation</td>
<td>3</td>
</tr>
<tr>
<td>STAT 302</td>
<td>Statistical Methods</td>
<td>3</td>
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**Semester Credit Hours:** 15

#### Summer

**RANGEFIELD, WILDLIFE & FISHERIES FIELD TECHNIQUES** 3

### Fourth Year

#### Fall

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>RPTS 460/</td>
<td>Nature, Values, and Protected Areas</td>
<td>3</td>
</tr>
<tr>
<td>ECCB 460</td>
<td>Geographic Information Systems for Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 325</td>
<td>Watershed Analysis and Planning</td>
<td>3</td>
</tr>
<tr>
<td>BESC 367</td>
<td>U.S. Environmental Regulations or Wildlife Habitat Management</td>
<td>3</td>
</tr>
<tr>
<td>General elective [link]</td>
<td>General elective [link]</td>
<td>2</td>
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**Semester Credit Hours:** 14

#### Spring

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>RWFM 346</td>
<td>Park Ecology and Management</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 436</td>
<td>Natural Resources Policy</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 470</td>
<td>Environmental Impact Assessment</td>
<td>3</td>
</tr>
<tr>
<td>RWFM 481</td>
<td>Senior Seminar</td>
<td>1</td>
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**Semester Credit Hours:** 13

**Total Semester Credit Hours:** 120

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1 Must make a grade of C or better.
2 Select any 100-499 course not used elsewhere.

Graduation requirements include a requirement for 3 hours of International and Cultural Diversity [link]....
cultural-diversity-requirements/) courses and 3 hours of Cultural Discourse (http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/) courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement. Select in consultation with an academic advisor.