# Forestry - BS

## Program Requirements

### First Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 105</td>
<td>Introduction to Agricultural Economics</td>
<td>3</td>
</tr>
<tr>
<td>ESSM 201</td>
<td></td>
<td>1</td>
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<tr>
<td>ESSM 203</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>RENR 205 &amp; RENR 215</td>
<td>Communication (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a>)</td>
<td>4</td>
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**Semester Credit Hours** 14

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>ESSM 281</td>
<td>Seminar in Ecosystem Science and Management</td>
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<tr>
<td>American history (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a>)</td>
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<tr>
<td>Communication (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#communication</a>)</td>
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<tr>
<td>Mathematics (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a>)</td>
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**Semester Credit Hours** 14

### Second Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 309</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ESSM 351</td>
<td></td>
<td>3</td>
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**Select one of the following:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 101</td>
<td>Botany</td>
<td>4</td>
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<tr>
<td>BIOL 113</td>
<td>Essentials in Biology</td>
<td></td>
</tr>
<tr>
<td>HORT 201 &amp; HORT 202</td>
<td>Horticultural Science and Practices Laboratory</td>
<td></td>
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<tr>
<td>Mathematics (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics</a>)</td>
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**Emphasis area elective** 3

**Semester Credit Hours** 16

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>ESSM 300</td>
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<td>3</td>
</tr>
<tr>
<td>ESSM 301</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>ESSM 313</td>
<td></td>
<td>3</td>
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<tr>
<td>Government/Political science (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a>)</td>
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**Emphasis area elective** 3

**Semester Credit Hours** 15

### Third Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>AGEC 350</td>
<td>Environmental and Natural Resource Economics</td>
<td>3</td>
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<tr>
<td>ESSM 319</td>
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<td>Creative arts (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts</a>)</td>
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<tr>
<td>Language, philosophy and culture (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture</a>)</td>
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**Emphasis area elective** 3

**Semester Credit Hours** 15

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ESSM 306 or ESSM 311</td>
<td>Plant Functional Ecology and Adaptation</td>
<td>3</td>
</tr>
<tr>
<td>ESSM 310</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>American history (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history</a>)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Government/Political science (<a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science</a>)</td>
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**Emphasis area elective** 2

**Semester Credit Hours** 15

### Fourth Year

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
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<th>Hours</th>
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<tbody>
<tr>
<td>ESSM 406</td>
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<td>3</td>
</tr>
<tr>
<td>ESSM 481</td>
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<td>1</td>
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**Emphasis area elective** 3

**Emphasis area elective** 3

**General elective** 3

**Semester Credit Hours** 13

#### Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 307</td>
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<td>3</td>
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<tr>
<td>ESSM 324</td>
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<td>2</td>
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<tr>
<td>ESSM 405</td>
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**Emphasis area elective** 3

**General elective** 3

**Semester Credit Hours** 14

**Total Semester Credit Hours** 120

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1 Graduation requirements include a requirement for 3 hours of International and Cultural Diversity (http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-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. See academic advisor.

2 To be selected from an approved list in consultation with an advisor.
Credit by examination may be used to substitute 3 hours of POLS 206 or POLS 207.