FORESTRY B.S.

All students must meet the University Requirements (http://catalogue.uvm.edu/undergraduate/academicinfo/degreerequirements/).

All students must meet the College Requirements. (http://catalogue.uvm.edu/undergraduate/rubensteinschool/#requirementstext)

MAJOR REQUIREMENTS

The Forestry major provides students with an education in ecologically responsible forestry, emphasizing the complex landscapes of the northeastern United States. Students develop their abilities to coordinate and manage all aspects of sustainable forestry through an education that combines a strong foundation in natural and social sciences with hands-on field-based classes, internships, research experiences, and forest management projects. This Society of American Foresters accredited curriculum is integrative, technologically current, and science-based.

Students supplement a core of required forestry and related courses with a student-proposed, faculty-approved area of concentration such as forest ecosystem health, forest ecology, consulting forestry, public forest administration, or international development.

The concentration represents at least nine credits and can be fulfilled by a self-designed sequence of course work, an appropriate university minor, or a natural resource oriented study abroad experience.

A total of 123 credits is required for the degree.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PBIO 004</td>
<td>SU: Intro to Botany</td>
<td>4-8</td>
</tr>
<tr>
<td>or BIOL 001 &amp; BIOL 002</td>
<td>Principles of Biology and Principles of Biology</td>
<td></td>
</tr>
<tr>
<td>CHEM 023</td>
<td>Outline of General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>MATH 018</td>
<td>QR: Basic Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>NR 140</td>
<td>Applied Environ Statistics</td>
<td>4</td>
</tr>
<tr>
<td>FOR 111</td>
<td>Nat Res Ecol and Assessment 1</td>
<td>4</td>
</tr>
<tr>
<td>FOR 112</td>
<td>Nat Res Ecol and Assessment 2</td>
<td>4</td>
</tr>
<tr>
<td>PSS 161</td>
<td>SU: Fundamentals of Soil Science</td>
<td>4</td>
</tr>
<tr>
<td>NR 143</td>
<td>Intro to Geog Info Systems</td>
<td>3</td>
</tr>
<tr>
<td>FOR 021</td>
<td>Dendrology</td>
<td>4</td>
</tr>
<tr>
<td>FOR 122</td>
<td>Forest Ecosystem Analysis</td>
<td>4</td>
</tr>
<tr>
<td>FOR 223</td>
<td>Multi-Resource Silviculture</td>
<td>4</td>
</tr>
<tr>
<td>FOR 233</td>
<td>Management of Forest Woodlots</td>
<td>3</td>
</tr>
<tr>
<td>FOR 272</td>
<td>Sustain Mgmt Forest Ecosys</td>
<td>4</td>
</tr>
</tbody>
</table>

A course in economics or ecological economics  \[^5\]  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC 012</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or NR/ENVS 141</td>
<td>Intro to Ecological Economics</td>
<td></td>
</tr>
<tr>
<td>At least 9 additional credits in the area of concentration [^1,2]</td>
<td>9-12</td>
<td></td>
</tr>
<tr>
<td>FOR 190</td>
<td>Internship</td>
<td>3</td>
</tr>
<tr>
<td>FOR 095</td>
<td>Special Topics (Intro to Forestry and Wildlife Biology)</td>
<td>1</td>
</tr>
</tbody>
</table>

\[^1\] The student-proposed concentration must be endorsed by the student’s advisor and approved by the Forestry faculty prior to the last three semesters of study.

\[^2\] The self-designed sequence of course work for the student’s concentration should be at least six credits at the 100-level or higher.

\[^3\] MATH 018 and NR 140 also fulfill the RSENIR general education requirements.

\[^4\] The field intensive course, FOR 122, is offered only during the summer session.

\[^5\] Or an advisor approved economics course.