### SECTION III: DEPARTMENT OF FORESTRY

**2017-2018 Forestry Major**  
**Environmental Conservation Concentration (FO/ENCO)**  
**Total Hours = 127**

**Freshman Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1134</td>
<td>AEC 2713</td>
</tr>
<tr>
<td>CH 1043</td>
<td>BIO 1144</td>
</tr>
<tr>
<td>Humanities Elective (3)</td>
<td>EN 1113 English Composition II (EN1103)</td>
</tr>
<tr>
<td>EN 1103</td>
<td>MA 1313 College Algebra (ACT math subscore 19)</td>
</tr>
<tr>
<td>FO 1101</td>
<td>CO 1003 Fund. of Public Speaking</td>
</tr>
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**Sophomore Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td>FO 2113</td>
<td>FO 3103 Computer Appl. For. Resources</td>
</tr>
<tr>
<td>FO 3113</td>
<td>FO 2213 Forest Measurements (ST 2113)</td>
</tr>
<tr>
<td>PSS 3303</td>
<td>PH 1113 General Physics I (MA 1323 or ACT math subscore 26)</td>
</tr>
<tr>
<td>ST 2113 Intro. to Statistics (C in MA 1313 or ACT math subscore 24)</td>
<td>Humanities Elective (3)</td>
</tr>
</tbody>
</table>

**Summer Field Program**

- FO 3012 Intro to Forest Communities (PSS 3303, FO 2113)
- FO 3015 Forest Description and Analysis (FO 2213, ST 2113)
- FO 4231 Introduction to Wood Supply Systems (co-req FO 3015)
- WFA 3031 Introduction to Wildlife and Fisheries Practices (Jr.)

**Junior Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>WFA 3133 App Aqua.&amp; Terr. Eco. (BIO 1134, 1144)</td>
<td>AELC 3203 Prof. Writing in Ag, NR &amp; Human Sci (Jr.) (EN 1103, 1113)</td>
</tr>
<tr>
<td>EPP 3124 Forest Pest Management</td>
<td>FO 4113 Forest Res. Econ. (AEC 2713)</td>
</tr>
<tr>
<td>FO 4123 Forest Ecology (FO 3012)</td>
<td>FO 4213 Forest Biometrics (ST 2113 or equivalent)</td>
</tr>
<tr>
<td>FO 4233 For. Op. and Harv. (FO 3015, FO 4231)</td>
<td>FO 4223/4221 Practice of Silviculture (FO 4123) + Lab</td>
</tr>
<tr>
<td>Fine Arts Elective (3)</td>
<td>Emphasis Elective (3)</td>
</tr>
</tbody>
</table>

**Senior Year**

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
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</thead>
<tbody>
<tr>
<td>FO 4313 Spatial Tech. in Nat. Res. (FO 3015)</td>
<td>FO 4413 Natural Res. Policy (Sr.)</td>
</tr>
<tr>
<td>FO 4323 For. Res. Mgt. (FO 4113, FO 4213, FO 4223, FO 4233)</td>
<td>FO 4423 Prof. Practice (FO 4323)</td>
</tr>
<tr>
<td>WFA 4153 Prin. Wildlife Cons. and Mgt. (So., WFA 3133 or FO 4123)</td>
<td>FO 4453 Remote Sensing Appl.</td>
</tr>
<tr>
<td>Emphasis Elective (3)</td>
<td>FO 4463 Forest Hydro &amp; Watershed Mgt. (PSS 3303, FO 4123)</td>
</tr>
<tr>
<td>Emphasis Elective (3)</td>
<td>Emphasis Elective (2)</td>
</tr>
</tbody>
</table>

*Major courses are bolded. Grades of C or better are required in these courses.*
## Approved Substitutions List for Environmental Conservation Concentration

### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Approved Substitutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEC 2713</td>
<td>Intro to Food &amp; Resource Economics</td>
</tr>
<tr>
<td>AELC 3203</td>
<td>Prof Writing Ag, NR, Human Sci.</td>
</tr>
<tr>
<td>FO 4452/4451</td>
<td>Remote Sensing and Lab</td>
</tr>
<tr>
<td>PH 1113</td>
<td>General Physics</td>
</tr>
<tr>
<td>ST 2113</td>
<td>Intro to Statistics</td>
</tr>
<tr>
<td>CH 1043</td>
<td>Survey of Chemistry I</td>
</tr>
<tr>
<td>FO 4463</td>
<td>Forest Hydro &amp; Water Management</td>
</tr>
</tbody>
</table>

### Approved Substitutions

- **AEC 2713 Intro to Food & Resource Economics**
  - EC 2113 Macroeconomics (SO) or EC 2123 Microeconomics (SO, EC 2113)

- **AELC 3203 Prof Writing Ag, NR, Human Sci.**
  - EN 3313 Writ. for the Workplace (EN 1113) or MGT 3213 Organ. Comm. (Jr., EN 1113)

- **FO 4452/4451 Remote Sensing and Lab**
  - FO 4472/4471 GIS Nat. Res. Mgt. and Lab (Jr.)

- **PH 1113 General Physics**
  - CH 1053 Survey of Chem II (CH 1043), GR 1114 Physical Geography, or PH 2213 Physics I (MA 1713), CH 1223 (CH 1213)

- **ST 2113 Intro to Statistics**
  - MA 2113 Intro to Statistics, MA 3123 or ST 3123 Statistics Inference (all require C in MA 1313 or ACT math subscore 24)

- **CH 1043 Survey of Chemistry I**
  - Any higher level chemistry course.

- **FO 4463 Forest Hydro & Water Management**
  - FO 4483 Forest Soils (PSS 3303, FO 3012, FO 4123)