FOREST RESOURCES AND CONSERVATION

Providing students with a solid understanding of ecology, this major prepares students to manage and develop forest areas for economic, recreational, and ecological purposes. Forest Resources and Conservation students study natural resource management and analysis, soil and water sciences, plant identification, law and policy, fire management, and natural resource economics.

About this Program

- **College:** Agricultural and Life Sciences (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL)
- **Degree:** Bachelor of Science in Forest Resources and Conservation
- **Specializations:** Environmental Pre-Law (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF01) | Forest Business Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF02) | Protected Areas Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF04) | Urban Forestry (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF06) | Watershed Science and Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF08)
- **Credits for Degree:** 120
- **Contact:** Email (khaselier@ufl.edu?Subject=Forest Resources and Conservation Major)
- **Additional Information**
- **Related Forest Resources and Conservation Programs**

To graduate with this major, students must complete all university, college, and major requirements.

Specializations

**Forest Resource Management**
Accredited by the Society of American Foresters and is for students seeking careers as professional forest resource managers who apply science-based strategies to managing publicly and privately-owned forest lands.

**Urban Forestry**
Accredited by the Society of American Foresters and is for students with interests in forest management in the typically local-scale forests in urban-suburban landscapes, and at the interface of urban and undeveloped lands.

**Environmental Pre-Law**
Accredited by the Society of American Foresters and provides a solid basis of forest and natural resources science and management upon which is built a broad introduction to the policies, ethics, and processes affecting the use of natural resources.

Protected Areas Management
Accredited by the Society of American Foresters and is for students interested in managing lands for conservation and restoration purposes, usually on public lands managed by the government or by lands owned by private conservation organizations.

Recreation Resources Management
Accredited by the Society of American Foresters and focuses on the sustainable management of recreation lands as a natural resource and understanding human dimensions as related to their use.

Forest Business Management
Accredited by the Society of American Foresters and gives students a sound background in natural resource management and a broad introduction to business as appropriate for students interested in consulting, real estate or working for forest industry.

Watershed Science and Management
Prepares students to address the many and varied management issues associated with water resources, including wetlands, soils, policy, and water quality.

Related Forest Resources and Conservation Programs

- **Combined Degree** (http://catalog.ufl.edu/UGRD/academic-programs/combined-degrees)
- **Forest Resources and Conservation minor** (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_UMN)
- **Bachelor of Science in Natural Resource Conservation** (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/NRC_BSF)

Academic Learning Compact
The forest resources and conservation major provides a broad education in the ecological, economic and social aspects of forest and natural resources and their management. The major also provides national accreditation from the Society of American Foresters.

Before Graduating Students Must

- Pass the forest resources and conservation competency exam, given in five parts. One part will be given in each of these required courses:
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNR 3131C</td>
<td>Dendrology/Forest Plants</td>
<td>3</td>
</tr>
<tr>
<td>FNR 3410C</td>
<td>Natural Resource Sampling</td>
<td>3</td>
</tr>
<tr>
<td>FNR 4040C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNR 4623C</td>
<td>Integrated Natural Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>FNR 4660</td>
<td>Natural Resource Policy and Economics</td>
<td>3</td>
</tr>
</tbody>
</table>

- Complete requirements for the baccalaureate degree, as determined by faculty.

Students in the Major Will Learn to

Student Learning Outcomes (SLOs)

**Content**

1. Demonstrate competency in biology/ecology, quantification, policy/administration and management of forest and related natural resources.
2. Analyze, interpret, synthesize and communicate information and data, including the use of mathematical and statistical methods.

**Critical Thinking**
3. Solve novel problems in forest and natural resource management.

**Communication**
4. Create, interpret and analyze written text, oral messages and multimedia presentations.

### Curriculum Map

$I = Introduced; R = Reinforced; A = Assessed$

<table>
<thead>
<tr>
<th>Courses</th>
<th>SLO 1</th>
<th>SLO 2</th>
<th>SLO 3</th>
<th>SLO 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>FNR 3131C</td>
<td>I</td>
<td></td>
<td></td>
<td>I</td>
</tr>
<tr>
<td>FNR 3410C</td>
<td>I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNR 4343C</td>
<td>R</td>
<td>R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FNR 4623C</td>
<td>R</td>
<td></td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>FNR 4660</td>
<td>I</td>
<td>R</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>FOR 3153C</td>
<td>I</td>
<td>I</td>
<td>R</td>
<td>I</td>
</tr>
<tr>
<td>FOR 3162C</td>
<td>R</td>
<td>R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR 3200C</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td></td>
</tr>
<tr>
<td>FOR 3202</td>
<td>I</td>
<td></td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>FOR 3214</td>
<td>R</td>
<td>R</td>
<td>R</td>
<td>R</td>
</tr>
<tr>
<td>FOR 3434C</td>
<td>I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FOR 4020</td>
<td></td>
<td></td>
<td>R</td>
<td>R</td>
</tr>
</tbody>
</table>

### Assessment Types

- Final group project
- Exams
- Program exit exam