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), Forest Resource Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF04), Protected Areas Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF05), Recreation Resources Management (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF06), Urban Forestry (http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/FRC_BSF/FRC_BSF07), 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)
• **More Info**

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

School Information
The School of Forest Resources & Conservation is a unit within the Institute of Food and Agricultural Sciences (IFAS) and the College of Agricultural and Life Sciences (CALS). The school is home to three distinct yet integrated program areas: Fisheries and Aquatic Sciences (http://sfrc.ufl.edu/fish), Forest Resources and Conservation (http://sfrc.ufl.edu/forest), and Geomatics (http://sfrc.ufl.edu/geomatics). The school's faculty, staff, and students conduct research, teaching, and extension that cuts across a wide range of environments and disciplines. Website (http://sfrc.ufl.edu)

CONTACT
Email (sfrc@ifas.ufl.edu) | 352.846.0850 (tel) | 352.392.1707 (fax)
P.O. Box 110410
1745 McCarty Drive
136 NEWINS-ZIEGLER HALL
GAINESVILLE FL 32611-0410
Map (http://campusmap.ufl.edu/#/index/0832)

Curriculum
• Combination Degrees
• Fisheries and Aquatic Sciences Minor
• Forest Resources and Conservation
• Forest Resources and Conservation Minor
• Geomatics
• Geomatics Certificate
• Mapping with Small Unmanned Aerial Systems Certificate
• Natural Resource Conservation

Related Programs
• Natural Resource Conservation

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.

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>Integrated Natural Resource Management</td>
<td>3</td>
</tr>
<tr>
<td>FNR 4623C</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

<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>I</td>
<td></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>R</td>
</tr>
<tr>
<td>FNR 4623C</td>
<td>R</td>
<td>A</td>
<td>A</td>
<td></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>R</td>
<td></td>
</tr>
<tr>
<td>FOR 3200C</td>
<td>I</td>
<td>I</td>
<td>I</td>
<td>I</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>I</td>
<td></td>
</tr>
</tbody>
</table>

Assessment Types

- Final group project
- Exams
- Program exit exam