NATURAL RESOURCE CONSERVATION

The natural resource conservation (NRC) major enables students to tailor a curriculum that suits their interests and career goals for this field. Working with a faculty advisor, students can elect to focus their curriculum on any number of natural resource conservation or management fields. Students preparing for advanced degrees in natural resources often elect to complete a broad, interdisciplinary program.

About this Program

- College: Agricultural and Life Sciences
- Degree: Bachelor of Science in Forest Resources and Conservation
- Credits for Degree: 120
- Additional Information
- Contact: Email
- Related Natural Resource Conservation Programs

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

Critical Tracking records each student’s progress in courses that are required for entry to each major. Please note the critical-tracking requirements below on a per-semester basis.

Equivalent critical-tracking courses as determined by the State of Florida Common Course Prerequisites may be used for transfer students.

Semester 1

- Complete at least 1 of 7 critical-tracking courses (excluding labs): AEB 2014 or ECO 2013 or ECO 2023, AEC 3030C or SPC 2608, AEC 3033C, BSC 2010/BSC 2010L, CHM 1030 or CHM 2045, MAC 1105, STA 2023
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 2

- Complete at least 2 additional critical-tracking courses, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 3

- Complete at least 2 additional critical-tracking course, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete at least 2 additional critical-tracking courses, excluding labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 5

- Complete all critical-tracking courses, including labs
- 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

To remain on track, students must complete the appropriate critical-tracking courses, which appear in bold. These courses must be completed by the terms as listed above in the Critical Tracking criteria.

This semester plan represents an example progression through the major. Actual courses and course order may be different depending on the student’s academic record and scheduling availability of courses. Prerequisites still apply.
Natural Resource Conservation

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 2023</td>
<td>Principles of Microeconomics (Critical Tracking; Gen Ed Social and Behavioral Sciences)</td>
<td></td>
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<tr>
<td>AEC 3030C</td>
<td>Effective Oral Communication (Critical Tracking)</td>
<td>3</td>
</tr>
<tr>
<td>SPC 2608</td>
<td>Introduction to Public Speaking (Critical Tracking)</td>
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<tr>
<td>PHY 2020</td>
<td>Introduction to Principles of Physics (recommended; Gen Ed Physical Sciences)</td>
<td>3</td>
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<tr>
<td>State Core Gen Ed Humanities</td>
<td></td>
<td>3</td>
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<tr>
<td>Elective</td>
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**Summer After Semester Four**

**Summer B**

<table>
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<tr>
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<tbody>
<tr>
<td>FOR 3200C</td>
<td>Foundations of Natural Resources and Conservation</td>
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**Semester Five**

Select one:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FAS 4932</td>
<td>Topics in Fisheries and Aquatic Sciences (summer only)</td>
<td>3-4</td>
</tr>
<tr>
<td>FNR 3131C</td>
<td>Dendrology/Forest Plants (fall only)</td>
<td></td>
</tr>
<tr>
<td>WIS 3402 &amp; 3402L</td>
<td>Wildlife of Florida and Wildlife of Florida Laboratory (spring only)</td>
<td></td>
</tr>
<tr>
<td>ZOO 4205C</td>
<td>Invertebrate Biodiversity (spring only)</td>
<td></td>
</tr>
<tr>
<td>FNR 3410C</td>
<td>Natural Resource Sampling</td>
<td>3</td>
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Select one:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FOR 3153C</td>
<td>Forest Ecology</td>
<td>3</td>
</tr>
<tr>
<td>WIS 4934</td>
<td>Topics in Wildlife Ecology and Conservation (Natural Resource Ecology)</td>
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**Approved course**

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<tr>
<th>Credits</th>
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<tr>
<td>12-13</td>
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**Semester Six**

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<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOR 3202</td>
<td>Society and Natural Resources</td>
<td>3</td>
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</table>

**Approved courses**

<table>
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<tr>
<th>Credits</th>
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<td>12</td>
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**Semester Seven**

<table>
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<tr>
<th>Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>FNR 4624C</td>
<td>Field Operations for Management of Ecosystems</td>
<td>3</td>
</tr>
<tr>
<td>FNR 4660</td>
<td>Natural Resource Policy and Economics</td>
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**Approved courses**

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<tr>
<th>Credits</th>
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**Semester Eight**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FNR 4623C</td>
<td>Integrated Natural Resource Management</td>
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**Approved courses**

<table>
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<tr>
<th>Credits</th>
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<tbody>
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<td>12</td>
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**Total Credits**

<table>
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<th>Credits</th>
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<tr>
<td>120</td>
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1. Or higher level course.
2. May substitute ENC 2210 or ENC 3254.
3. FAS 2024 recommended, if not already taken.

The summer term between the junior and senior year is normally reserved for professional work experience.

The natural resource conservation major provides a broad education in the ecological, economic and social aspects of forest and natural resources and their management. The individualized nature of the major allows students to create a curriculum specific to their interests.

**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>
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<th>Credits</th>
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</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>
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<tr>
<td>FNR 4040C</td>
<td></td>
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<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 natural resources.
2. Analyze, interpret, synthesize and communicate information and data, including the use of mathematical and statistical methods.

**Critical Thinking**


**Communication**

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

**Curriculum Map**

<table>
<thead>
<tr>
<th>I = Introduced; R = Reinforced; A = Assessed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>FOR 3153C</td>
</tr>
<tr>
<td>FOR 3200C</td>
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<tr>
<td>FOR 3202</td>
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<td>FNR 4623C</td>
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<td>FNR 4624C</td>
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<tr>
<td>FNR 4660</td>
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<tr>
<td>Exit Exam</td>
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**Assessment Types**

- Group project
- Presentation
- Final exam