NATURAL RESOURCE MANAGEMENT, MINOR

The natural resource management minor has been developed for students interested in the guiding principles of land stewardship and economic sustainability. Students can develop an appreciation for the ecological diversity of Alabama and gain an understanding of the historical importance of natural resources in the economic development of Alabama. Courses in the minor will address the impact of changes in life styles and the economic base of the state as well as the implications for land management.

Admission into the Minor

Students are expected to meet with Dr. Carl Williams (carl.williams@ua.edu), NRM Coordinator, before formally declaring a minor by completing the Change of Major/Minor Application online under the Student tab of myBama.

The minor in natural resource management includes tracks for students who major in biological sciences and for those who are pursuing other majors outside of biological sciences.

### Biology Majors

The Natural Resources Management minor for biology majors requires the successful completion of the following 18 semester hours:

<table>
<thead>
<tr>
<th>Required Foundational Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 340 Principles of Natural Resources Conservation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Specialty Courses**

Select two of the following: 6

- BSC 303 Field Zoology
- BSC 314 Dendrology
- BSC 415 Wetland Ecology
- BSC 428 Biology Of Fishes
- BSC 475 General Entomology
- BSC 480 Plant Ecology
- BSC 497 Special Topics (Forestry)
- BSC 497 Special Topics (Wildlife Management)
- GY 472 Soil Science
- GY 489 Forest Ecology Veg Analy
- GY 492 Eastern Forest Communities and Silvics
- NEW 401 Birds and Birding
- NEW 490 Special Topics (Everyday Wildlife in Alabama)
- NEW 490 Special Topics (Everyday Forestry in Alabama)

**Policy, Planning, and Economics**

Select two of the following: 6

- BSC 482 Conservation Biology
- EC 480 Economics of the Environment and Natural Resources
- GY 339 Natural Resource Envirmn Plang
- GY 351 Geography Of Alabama
- GY 409 Forest History and Restoration
- GY 452 Environ Decision Making
- GY 460 Environmental Management
- NEW 230 Environmental Studies
- NEW 365 Introduction to Environmental Policy

<table>
<thead>
<tr>
<th>Practicum Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following: 3</td>
</tr>
<tr>
<td>BSC 398 Undergraduate Research</td>
</tr>
<tr>
<td>BSC 497 Special Topics (Biological Sciences Internship)</td>
</tr>
<tr>
<td>GY 483 Environment Science Internship</td>
</tr>
<tr>
<td>GY 494 Forest Measurement &amp; Analysis</td>
</tr>
<tr>
<td>NEW 310 Independent Study</td>
</tr>
</tbody>
</table>

**Total Hours** 18

### Non-Biology Majors

The Natural Resource Management Minor for Non-Biology Majors requires successful completion of the following 19 semester hours:

<table>
<thead>
<tr>
<th>Required Foundational Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 114 Principles Of Biology I</td>
</tr>
<tr>
<td>BSC 115 Laboratory Biology I</td>
</tr>
<tr>
<td>BSC 116 Principles Biology II</td>
</tr>
<tr>
<td>BSC 117 Biology II Laboratory</td>
</tr>
<tr>
<td>BSC 340 Principles of Natural Resources Conservation</td>
</tr>
</tbody>
</table>

**Specialty Courses**

Select one of the following: 3

- BSC 303 Field Zoology
- BSC 314 Dendrology
- GY 472 Soil Science
- GY 489 Forest Ecology Veg Analy
- GY 492 Eastern Forest Communities and Silvics
- NEW 401 Birds and Birding
- NEW 490 Special Topics (Everyday Wildlife in Alabama)
- NEW 490 Special Topics (Everyday Forestry in Alabama)

**Policy, Planning, and Economics**

Select at least one of the following: 3

- GY 339 Natural Resource Envirmn Plang (If not taken as foundational course above)
- GY 351 Geography Of Alabama
- GY 452 Environ Decision Making
- GY 460 Environmental Management
- NEW 230 Environmental Studies
- NEW 365 Introduction to Environmental Policy

<table>
<thead>
<tr>
<th>Practicum Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select at least one of the following: 2</td>
</tr>
<tr>
<td>BSC 398 Undergraduate Research</td>
</tr>
<tr>
<td>BSC 497 Special Topics (Biological Sciences Internship)</td>
</tr>
<tr>
<td>GY 483 Environment Science Internship</td>
</tr>
<tr>
<td>GY 494 Forest Measurement &amp; Analysis</td>
</tr>
<tr>
<td>NEW 310 Independent Study (Internship)</td>
</tr>
</tbody>
</table>

**Total Hours** 19
Grade Point Average
A 2.0 grade point average in the minor is required. Please see the Grades and Grade Points section of this catalog for an explanation on grade point average calculations.

Upper-level Residency
A minimum of six hours of 300- or 400-level courses in the minor must be earned on this campus.

Ancillary Courses
This minor does not require ancillary courses.

Additional Minor Requirements
Prerequisites for all BSC courses at the 300-level and 400-level must be passed with a grade of at least C-.

Students are responsible for ensuring that they have met all University, College, major and minor requirements. However, each student must meet with an adviser in the major department for academic planning and to be approved for registration each semester. College advisers are also available for additional assistance with minor, College and University requirements.