FIRE SCIENCES AND MANAGEMENT MINOR

Minor - Fire Sciences & Management (Minor)

W.A Franke College of Forestry & Conservation

Degree Specific Credits: 30

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

Summary

<table>
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<tr>
<th>Category</th>
<th>Credits</th>
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<tr>
<td>Major Required Course</td>
<td>3</td>
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<td>Required Course</td>
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<tr>
<td>Ecology Courses</td>
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<tr>
<td>Practicum or Planning Course</td>
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<tr>
<td>Meteorology or Climate Course</td>
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<tr>
<td>Measurements &amp; Analysis Electives</td>
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<tr>
<td>Natural/Management Science Electives</td>
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<td>Social Science Electives</td>
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<tr>
<td>Ethical &amp; Human Values Elective Within Minor</td>
<td>6</td>
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<td>Total Hours</td>
<td>30</td>
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</tbody>
</table>

Major Required Course

**Rule:** must take the following course

- FORS 230 Fire Management & Environmental Change 3

Total Hours 3

Minimum Required Grade: C-

Required Course

**Rule:** must take the following course

- FORS 333 Fire Ecology 3

Total Hours 3

Minimum Required Grade: C-

Ecology Courses

Select one of the following: 3

- BIOE 370 General Ecology
- FORS 330 Forest Ecology
- NRSM 462 Rangeland Ecology

Total Hours 3

Minimum Required Grade: C-

Practicum or Planning Course

**Note:** FORS 498 must be approved by fire minor advisor prior to registration and taken for 3 credits

Select one of the following: 3

- FORS 440 Forest Stand Management
- FORS 495 Wildland RxFire Practicum
- FORS 498 Internship (must be approved by fire minor advisor)
- NRSM 495 Ecosystem Science and Restoration Practicum
- PTRM 485 Recreation Planning
- WILD 480 The Upshot–Appld Wildlife Mgt

Total Hours 3

Minimum Required Grade: C-

Meteorology or Climate Course

**Rule:** Must take one of the following courses

- ERTH 303N Weather and Climate 3
- or NRSM 418 Ecosystem Climatology

Total Hours 3

Minimum Required Grade: C-

Measurements & Analysis Electives

Select one of the following: 3

- FORS 202 Forest Mensuration
- FORS 350 Forestry Apps of GIS
- FORS 351 Env Remote Sensing

Total Hours 3

Minimum Required Grade: C-

Natural/Management Science Electives

**Rule:** Take at least one course from the following, but if one of these courses is required for the major a second elective must be taken

Select at least one of the following: 3

- BIOE 449 Plant Biogeography
- FORS 331 Wildland Fuel Management
- FORS 347 Multiple Resource Silviculture
- FORS 349 Practice of Silviculture
- GPHY 317 Geomorphology
- NRSM 385 Watershed Hydrology
- NRSM 465 Foundations of Restoration Ecology
- WILD 370 Wildlife Habitat Cons & Mgmt
- WILD 480 The Upshot–Appld Wildlife Mgt

Total Hours 3

Minimum Required Grade: C-
Social Science Electives
Rule: Take at least one course from the following, but if one of these courses is required for the major a second elective must be taken

Select at least one of the following:  

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>FORS 320</td>
<td>Forest Environmental Economics</td>
</tr>
<tr>
<td>NASX 303E</td>
<td>Ecol Persp in Nat Amer Trad</td>
</tr>
<tr>
<td>NRSM 379</td>
<td>Collab in Nat Res Decisions</td>
</tr>
<tr>
<td>NRSM 389E</td>
<td>Ethics Forestry &amp; Conservation</td>
</tr>
<tr>
<td>NRSM 422</td>
<td>Nat Res Policy/Administration</td>
</tr>
<tr>
<td>PTRM 482</td>
<td>Wilderness &amp; Protctd Area Mgt</td>
</tr>
</tbody>
</table>

Total Hours: 3

Minimum Required Grade: C-

Ethical & Human Values Elective Within Minor
Rule: Can take the elective courses

Note: can take either course for minor and will work for General Education Requirement

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Total Hours: 6

Minimum Required Grade: C-