## Minor in Wildland Fire Sciences and Management

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Title (*prerequisites apply)</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>WILDLAND FIRE CORE</strong></td>
<td></td>
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<tr>
<td>FORS 230</td>
<td>Forest Fire Management</td>
<td>2</td>
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<tr>
<td>FORS 333</td>
<td>Basic and Applied Fire Ecology (*FORS 230)</td>
<td>3</td>
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<tr>
<td><strong>PRACTICUM OR PLANNING COURSE (3 credits from the following):</strong></td>
<td></td>
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<tr>
<td>FORS 440</td>
<td>Forest Stand Management (*FORS 202; and FORS 341; and FORS 347 or 349)</td>
<td>3</td>
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<tr>
<td>FORS 495</td>
<td>Wildland Prescribed Fire Practicum</td>
<td>3</td>
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<tr>
<td>FORS 498</td>
<td>Internship (must be approved by Fire minor advisor prior to registration)</td>
<td>3</td>
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<tr>
<td>NRSM 495</td>
<td>Ecological Restoration Practicum (*SR standing in ECOR degree program and NRSM 444)</td>
<td>3-6</td>
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<tr>
<td>PTRM 485</td>
<td>Recreation Planning (*PTRM 217S and PTRM 300)</td>
<td>3</td>
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<tr>
<td>WILD 480</td>
<td>The Upshot: Applied Wildlife Management (*WILD 370 or WILD 470)</td>
<td>3</td>
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<tr>
<td><strong>ECOLOGY COURSE (3 credits from the following):</strong></td>
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<tr>
<td>BIOE 370</td>
<td>General Ecology (*BIOB 272)</td>
<td>3</td>
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<tr>
<td>FORS 330</td>
<td>Forest Ecology (*FORS 210; and BIOE 105N or BIOB 160N or BIOB 170N or BIOE 172N or FORS 240; and FORS 201 or STAT 216 or SOCI 202 or WILD 240 or PSYX 222)</td>
<td>3</td>
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<tr>
<td>NRSM 462</td>
<td>Rangeland Ecology</td>
<td>3</td>
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<tr>
<td><strong>METEOROLOGY OR CLIMATE COURSE (3 credits from the following):</strong></td>
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<tr>
<td>ERTH 303N</td>
<td>Weather &amp; Climate</td>
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<tr>
<td>NRSM 418</td>
<td>Ecosystems Climatology</td>
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<tr>
<td><strong>MEASUREMENTS &amp; ANALYSIS ELECTIVES (3 credits from the following):</strong></td>
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<tr>
<td>FORS 202</td>
<td>Mensuration (*FORS 201 or STAT 216 or SOCI 202 or WILD 240; and M121 and M122 or M 162 or M 171 or M 172)</td>
<td>3</td>
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<tr>
<td>FORS 350</td>
<td>Geographic Information Systems and Applications (*FORS 250)</td>
<td>3</td>
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<tr>
<td>FORS 351</td>
<td>Photogrammetry and Remote Sensing</td>
<td>3</td>
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<tr>
<td><strong>NATURAL/MANAGEMENT SCIENCE ELECTIVES (3 credits from the following): If elective chosen is also required for the student’s major, a second elective must be taken.</strong></td>
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<tr>
<td>BIOE 449</td>
<td>Plant Biogeography</td>
<td>3</td>
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<tr>
<td>FORS 331</td>
<td>Wildland Fuels Management (*FORS 230)</td>
<td>3</td>
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<tr>
<td>FORS 347</td>
<td>Multiple Resource Silviculture (*FORS 330 or BIOE 370)</td>
<td>3</td>
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<td>FORS 349</td>
<td>Practice of Silviculture (*FORS 202 and FORS 241. Coreq: FORS 330)</td>
<td>3</td>
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<tr>
<td>GPHY 317</td>
<td>Geomorphology (*GPHY 111)</td>
<td>3</td>
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<tr>
<td>NRSM 335</td>
<td>Environmental Entomology</td>
<td>3</td>
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<tr>
<td>NRSM 385</td>
<td>Watershed Hydrology (*M 115 or M 121 or M 122 or M 151 or M 162 or M 171 or M 172)</td>
<td>3</td>
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<tr>
<td>NRSM 465</td>
<td>Restoration Ecology (*NRSM 265; and BIOE 370 or BIOE 428 or BIOE 447 or BIOE 448 or FORS 330 or NRSM 462)</td>
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<tr>
<td>WILD 370</td>
<td>Wildlife Habitat Conservation and Management (*JR or SR in WBIO and BIOE 370)</td>
<td>3</td>
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<td><strong>SOCIAL SCIENCE ELECTIVES (3 credits from the following): If elective chosen is also required for the student’s major, a second elective must be taken.</strong></td>
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<tr>
<td>FORS 320</td>
<td>Forest and Environmental Economics (*ECNS 201S; and M 121 and M 122 or M 151 or M 162 or M 171 or M 172)</td>
<td>3</td>
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<tr>
<td>NASX 303E</td>
<td>Ecological Perspectives in Native American Traditions</td>
<td>3</td>
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<tr>
<td>NRSM 379</td>
<td>Collaboration in Natural Resource Decisions</td>
<td>3</td>
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<tr>
<td>NRSM 422</td>
<td>Natural Resource Policy and Administration</td>
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<tr>
<td>NRSM 489E</td>
<td>Ethics, Forestry and Conservation</td>
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<tr>
<td>PTRM 482</td>
<td>Wilderness and Protected Areas Management (*PTRM 217S or C/I)</td>
<td>3</td>
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<td><strong>Total Credits</strong></td>
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<td>23</td>
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