BS in Natural Resource Science and Management with Emphasis in Terrestrial Ecosystems

Degree Program Description
The Natural Resource Science and Management degree with an emphasis in Terrestrial Ecosystems combines interests in wildlife management and conservation and forestry focusing on basic and applied concepts important in land management and species conservation. Students with degrees in Natural Resource Science and Management with an emphasis in Terrestrial Ecosystems are accredited by the Society of American Foresters and may find employment as conservation biologists, ecologists, land stewards, and resource foresters.

Major Program Requirements
In addition to completing major program requirements (http://catalog.missouri.edu/undergraduategraduate/collegeofagriculturefoodandnaturalresources/naturalresourcesscienceandmanagement/bs-nat-resource-science-and-management/), students must complete the following additional emphasis area requirements:

<table>
<thead>
<tr>
<th>Emphasis Core Requirements</th>
<th>CR</th>
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<tbody>
<tr>
<td>FOREST 2541 Forest Utilization</td>
<td>1</td>
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<tr>
<td>FOREST 2542 Forest Measurement and Inventory</td>
<td>1</td>
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<tr>
<td>FOREST 2544 Introduction to Silviculture and Management</td>
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<tr>
<td>FOREST 3207 Forest Fire Control and Use</td>
<td>3</td>
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<tr>
<td>FOREST 3212 Forest Health and Protection</td>
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<tr>
<td>FOREST 4330 Practice of Silviculture</td>
<td>4</td>
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<tr>
<td>FOREST 4350 Forest Economics</td>
<td>3</td>
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<tr>
<td>FOREST 4390 Watershed Management and Water Quality</td>
<td>3</td>
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<tr>
<td>or NAT_R 3400 Water Quality and Natural Resource Management</td>
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<tr>
<td>F_W 1100 Introductory Zoology with Laboratory</td>
<td>5</td>
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<tr>
<td>F_W 2900 Principles of Wildlife Management</td>
<td>4</td>
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<tr>
<td>F_W 4600 Ecosystem Management</td>
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<tr>
<td>PLNT_S 2125</td>
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<tr>
<td>PLNT_S 3710 and</td>
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<td>&amp; PLNT_S 3715</td>
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<tr>
<td>or F_W 2600 Ornithology</td>
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<tr>
<td>or F_W 3660 Mammalogy</td>
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<tr>
<td>ENV_SC 4560 Observing the Earth from Space</td>
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Total Credits: 44

Semester Plan
Below is a sample semester plan for the Terrestrial Ecosystems Emphasis Area. Please consult with your advisor prior to registering for courses.

<table>
<thead>
<tr>
<th>First Year</th>
<th>Fall</th>
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<th>Spring</th>
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<tr>
<td>BIO_SC 1200</td>
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<td>ENGLISH 1000</td>
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<td>Missouri State Law Requirement</td>
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<tr>
<td>NAT_R 1070</td>
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<td>Humanities &amp; Fine Arts</td>
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<tr>
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<td>SOIL 2100</td>
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<td>Professional Elective</td>
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Total Credits: 124