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. The degree addresses the science, art, and craft of creating, managing, using, conserving, and repairing natural and human-dominated ecosystems, in a sustainable manner, to meet desired societal goals. The degree has elements that belong to the biological, physical, social, political and managerial sciences that are applied to conserving plant and animal species in forests, grasslands, rivers and streams, and urban areas. The degree also develops students' skills in working with diverse groups of people. Students with degrees in Natural Resource Science and Management with an emphasis in Terrestrial Ecosystems can find employment as conservation biologists, ecologists, land stewards, and resource foresters.

Emphasis Area Requirements

In addition to completing major program requirements (http://catalog.missouri.edu/undergraduate/collegeofagriculturefoodandnaturalresources/naturalresource/scienceandmanagement/bs-nat-resource-science-and-management), students must complete the following additional requirements (48 credit hours):

F_W 1100  Introductory Zoology with Laboratory  5
F_W 2600  Ornithology  4
or F_W 3660  Mammalogy  4
FOREST 2542  Forest Measurement and Inventory  1
FOREST 2543  Forest Ecology Field Studies  1
FOREST 2544  Introduction to Silviculture and Management  1
F_W 2900  Principles of Wildlife Management  4
FOREST 3207  Forest Fire Control and Use  2
FOREST 3212  Forest Health and Protection  4
FOREST 4360  Photogrammetry, Inventory and Models  3
FOREST 4330  Practice of Silviculture  3
F_W 4600  Ecosystem Management  4
FOREST 4390  Watershed Management and Water Quality  3
or F_W 3400  Water Quality and Natural Resource Management  3
FOREST 4350  Forest Economics  3
FOREST 4375  Forest Stand Dynamics  3
PLNT_S 4400  Plant Anatomy  4
Choose from group:

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<td>ENV_SC 3250</td>
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Total Credits: 127