

BS in Natural Resource Conservation & Management
Western Carolina University
(Effective Fall 2013)

NRCM Core Requirements (54 hours)

- BIOL 141 (4) – Principles of Biology II
- BIOL 241 (4) – Introduction to Ecology and Evolution
- CHEM 139 (4) – General Chemistry I *or* CHEM 140 (4) –Adv General Chemistry
- ECON 310 (3) – Natural Resources Economics (*prerequisite required*)
- GEOG 221 (3) – Introduction to Geospatial Analysis
- GEOG 324 (4) – Remote Sensing
- GEOL 305 (4) – Soils and Hydrology
- MATH 146 (4) – Precalculus
- NRM 210 (4) – Methods in Natural Resources Management
- NRM 330 (3) – Introduction to Wildlife Management
- NRM 344 (4) –Applied GIS
- NRM 351(3) – Forest Ecology (*required for FRS concentration*) *or* BIOL 304 (3) –General Ecology
- NRM 371 (3) – Landscape Ecology
- NRM 440 (4) – Integrated Resource Management
- NRM 442 (3) – Natural Resources Policy and Administration

Students must choose one of the areas of concentration listed below (18 credits each):

<p><u>Forest Resources:</u></p> <p>Required courses: BIOL 254 (4) – Dendrology NRM 351 (-) – Forest Ecology (<i>taken in core</i>) NRM 352 (3) – Forest Resource Measurements NRM 451 (4) – Foundations of Silviculture NRM 452 (4) – Forest Management</p> <p>Choose a minimum of 3 credit hours from: NRM 460 (3) – Watershed Management NRM 483 (variable 1-3) – Applications in Forest Management NRM 472 (4) – Geospatial Analysis BIOL 438 (3) – Ecological Restoration</p>	<p><u>Soil and Water Resources:</u></p> <p>Required courses: NRM 320 (3) – Soil Conservation NRM 420 (3) –Soil Genesis and Classification NRM 460 (3) – Watershed Management GEOG 300 (3) – Weather and Climate</p> <p>Choose a minimum of 6 credit hours from: NRM 472 (4) Geospatial Analysis GEOL 302 (3) – Geomorphology GEOL 405 (4) – Hydrogeology GEOL 423 (3) – Contaminated Rivers GEOL 455 (3) – Wetlands</p>
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