

Natural Resource Conservation & Management Curriculum Checksheet (Pre Fall 2010)

NRM Core Courses (51 credits)

CHEM 132 or 140 (4) – Intro Chemistry or Adv General Chemistry
 MATH 146 (4) – Algebra and Pre-calculus
 MGT 300 or ECON 310 (3) – Introduction to Management or Natural Resources
 Economics (prerequisite required)
 BIOL 140 (4) – Principles of Biology I
 BIOL 141 (4) – Principles of Biology II
 GEOG 150 (3) – Environmental Geography
 GEOG 324 (4) – Remote Sensing
 GEOG 402 (3) – Conservation of Natural Resources
 GEOL 305 (4) – Soils and Hydrology
 NRM 210 (4) – Methods in Natural Resources Management
 NRM 344 (4) – Introduction to GIS
 NRM 351 or BIOL 304 (3) – Forest Ecology or General 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:

<u>Forest Resources Concentration:</u>	<u>Soil and Water Concentration:</u>	<u>Landscape Analysis Concentration:</u>
<p>Required courses NRM 351 – Forest Ecology (3) NRM 352 – Forest Resource Measurements (3) NRM 451 – Foundations of Silviculture (4) NRM 452 – Forest Management (4) BIOL 254 – Dendrology (4) ECON 310 – Natural Resource Economics (3)</p> <p>Choose a minimum of 6 credit hours from: NRM 330 – Introduction to Wildlife Management (3) NRM 371 – Landscape Ecology (4) NRM 460 – Watershed Management (3) NRM 483 – Applications in Forest Management (variable 1-3)</p>	<p>Required courses NRM 420 – Soil Genesis and Classification (3) NRM 460 – Watershed Management (3) CHEM 133 – Organic Biochemistry (4) GEOG 300 – Weather and Climate (4)</p> <p>Choose a minimum of 7 credit hours from: NRM 320 – Soil Conservation (3) BIOL 435 – Aquatic Ecology (4) BIOL 476 – Fisheries (3) CHEM 330 – Aquatic Chemistry (3) GEOL 455 – Wetlands</p>	<p>Required courses NRM 371 – Landscape Ecology (3) NRM 444 – Applied GIS (4) NRM 472 – Ecosystem Structure and Analysis (4) GEOG 424 – Advanced Remote Sensing (3)</p> <p>Choose a minimum of 6 credit hours from: NRM 351 – Forest Ecology (3) NRM 420 – Soil Genesis and Classification (3) NRM 460 – Watershed Management (3) NRM 470 – Land Suitability Classification (3)</p>