REQUIRED COURSES (13 Credits)

A ECL 371 3cr  Ecological Methods
A ECL 451 3cr  Wildlife Ecology & Management
BIOL 313 or GEN 320 or NREM 315 3cr  Principles of Genetics
BIOL 366 4cr  Genetics for Nat. Res. Managers

MATH ELECTIVE (7 Credits: Choose a sequence)

Calculus Sequence
MATH 143 4cr  Preparation for Calculus
MATH 160,165, or 181 4cr  Calculus Elective

Statistics Sequence
MATH 143 or NREM 240 3cr  Quantitative Problem Solving in Nat. Res.
STAT 301 4cr  Intermediate Statistical Concepts & Methods

OPTION ELECTIVES (25 credits minimum)

Zoology (choose 3 credits)
A ECL 415 3cr  Ecology of Freshwater Invert., Plants & Algae
A ECL 454 3cr  Principles of Wildlife Diseases
A ECL 516 3cr  Avian Ecology
A ECL 551 3cr  Behavioral Ecology
ANTHR 250 3cr  Primate Behavior
BIOL 315 3cr  Biological Evolution
BIOL 336 3cr  Ecological & Evolutionary Animal Physiology
BIOL 354 (+Lab) 3-4cr  Animal Behavior
BIOL 471 3cr  Introductory Conservation Biology
EEOB 507 3cr  Advanced Animal Behavior
ENT 370 3cr  Insect Biology

Wildlife Biology (choose 6 credits)
A ECL 457 +Lab 3cr  Herpetology
A ECL 458 +Lab 3cr  Ornithology
A ECL 459 +Lab 3cr  Mammalogy

Policy, Admin., & Law (choose 6 credits)
A ECL 455 3cr  International Wildlife Issues
ENV S 293 3cr  Environmental Planning
ENV S 383 3cr  Environmental Politics & Policies
NREM 385/585 3cr  Natural Resource Policy
NREM 452 3cr  Ecosystem Management
NREM 460 3cr  Controversies in Natural Resource Mgmt.

Botany (choose 5 credits)
A ECL 415 3cr  Ecology of Freshwater Invert., Plants & Algae
AGRON 317 3cr  Principles of Weed Science
BIOL 355 3cr  Plants & People
BIOL 454 4cr  Plant Anatomy
BIOL 456 3cr  Principles of Mycology
BIOL 474 3cr  Plant Ecology
EEOB 564 3cr  Wetland Ecology
FOR 356 3cr  Dendrology
NREM 357 1cr  Midwestern Prairie Plants
NREM 358 1cr  Forest Herbaceous Layer: Ecology & ID

Additional Electives to reach minimum total credits
A ECL/ENT 425 3cr  Aquatic Insects
AGRON 182 3cr  Fundamentals of Soil Science
AGRON 282 3cr  Soil Conservation & Land Use
AGRON 334 3cr  Forage Crop Management
BIOL/ENSCI 381 4cr  Environmental Systems
BIOL 472 3cr  Community Ecology
ECON 380 3cr  Environmental & Resource Economics
ENSCI 408 3cr  GIS & Natural Resource Management
FOR 302 3cr  Silviculture
FOR 454 3cr  Forestry Practicum
NREM 301 4cr  Natural Resource Ecology & Soils
NREM 345 3cr  Natural Resource Photogrammetry & GIS
NREM 390 3cr  Fire Ecology & Management
NREM/ENV S 407 4cr  Watershed Management
NREM 446 3cr  Integrating GPS & GIS for Nat. Res. Mgmt
NREM 465 3cr  Landscape Change & Conservation
NREM 471 3cr  Agroforestry Systems
NREM 501 3cr  Soil & Water Conservation Management

THIRD YEAR
Semester 1  Semester 2

A ECL 371 3  A ECL 451 3
NREM 315 3  Adv. Com. 3
PHYS 115+L 5  BIOL 366 4
Adv. Com. 3  Hum. Elective 3
US Div. Elective 3  Option Elective 3
Option Elective 3  Option Elective 3
Option Elective 3  Free Elective 3
17 credits 15 credits

FOURTH YEAR
Semester 1  Semester 2

A ECL 371 3  A ECL 451 3
NREM 315 3  Adv. Com. 3
ETHICS 3  Option Elective 3
Option Elective 3  Option Elective 3
Option Elective 3  Free Elective 3
15 credits 15 credits