REQUIRED COURSES (13 Credits)

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

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
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 490  3cr  Soil & Water Conservation Management

THIRD YEAR

Semester 1  Semester 2
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  16 credits

FOURTH YEAR

Semester 1  Semester 2
A ECL 371  3  A ECL 451  3
NREM 315  3  Adv. Com.  3
Ethics Elective  3  Option Elective  3
Option Elective  3  Option Elective  3
Option Elective  3  Free Elective  3
15 credits  15 credits