## WILDLIFE OPTION, 2022-2023

**Required**
- A ECL 371 or 372X 3cr Ecological Methods
- A ECL 451 3cr Wildlife Ecology & Management
- GEN 313, 320 or NREM 315 3cr Genetics Elective
- BIOL 366 4cr Plant Systematics

**Math Sequence (choose one)**

- **Calculus Sequence**
  - MATH 143 4cr Preparation for Calculus
  - MATH 160 or 165 4cr Calculus Elective

- **Statistics Sequence**
  - MATH 143 or NREM 240 4cr Preparation for Calculus
  - STAT 301 4cr Intermediate Statistics

**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
- EEBO 564 3cr Wetland Ecology
- FOR 356 3cr Dendrology

**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 317 3cr Primate Behavior, Ecology and Evolution
- 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
- EEBO 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
- AM IN 313 3cr Native Land, Water, and Resources
- 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.

**Additional A ECL / NREM Electives**
- 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 3cr Natural Resource Ecology & Soils
- NREM 345 3cr Natural Resource Photogrammetry & GIS
- NREM 390 3cr Fire Ecology & Management
- NREM 406 3cr Wildlife Camp
- NREM 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 460 3cr Controversies in Natural Resource Mgmt.
- TSM 324 3cr Soil & Water Conservation Management

Consult your academic advisor about The Wildlife Society Certification or visit [https://wildlife.org/learn/professional-development-certification/certification-programs/](https://wildlife.org/learn/professional-development-certification/certification-programs/)