

## Natural Resources Science undergraduate courses offered (revised March 2025)

Required Concentration or Professional courses for **WCB (Bold)** & ESM (underlined).

# Permission number required

### *FALL ONLY COURSES:*

#### **NRS 200 - Seminar in NRS (1)**

#### **NRS 212 – Intro Soils (4)**

NRS 234G – Intro Water Resources (3)  
NRS 300/MAF 350 - Global Sustain. Dev (3)  
NRS 301 - Forest Science (3)  
NRS 304 – Field Ornithology (3) #  
NRS 324 - Mammalogy (4)  
NRS 326 - Global Enviro Crises (3)  
NRS 330G - Biodiversity Crisis (3)  
NRS 350 - Field Entomology and Tax (4)  
NRS 351 - Soil Morphology Practicum (2)  
NRS 355 - Wildlife Cons & Hunting (3) #  
NRS 401/501 - Restoration Ecology (4)  
NRS 402/502 - Quantitative Ecology I (3)  
NRS 409/509 - GIS and Remote Sensing (4)  
NRS 415 - Remote Sensing of the Environ (3)  
NRS 423 - Wetland Ecology (4) #  
NRS 442/542 - Environmental Crisis Comm (3)  
NRS 461 - Watershed Hydrology and Mgt (4)  
NRS 471 - Soil Morphology and Mapping (4)  
NRS 480 - Senior Colloquium (2)  
NRS 533 - Landscape Pattern and Change (3)  
NRS 538 - Physiol Ecology (even years) (3)  
NRS 568 - Ecological Philosophy (3)  
HPR 326 - Comm. Sci. Public (4)  
BIO 366 - Vertebrate Biology (3)  
GEO 483 - Hydrology (3)  
BES 521 - Rhetorical Field Meth Sci Comm (3)  
WRT 533 - Sem in Grad Writing Life Sciences (3)

### *SPRING ONLY COURSES:*

**NRS 305 - Prin of Wildlife Ecol (3)**  
**NRS 309 - Wildlife Mgt Tech (3)**  
**NRS 406 - Wetland Wildlife (4) #**  
**NRS 407 - Endangered Species Conserv. (3)**  
NRS 412 - Soil/Water Chem. (odd years) (3)  
NRS 417/517 – Herpetology (4) #  
NRS 426/526 - Soil Microbiology (3)  
NRS 432 - Onsite Wastewater (4)  
NRS 445/545 - Invasive Species (4)  
NRS 450G, 452G – Soil, Land Use (4)  
NRS 484 - Envir Hydrogeology (3)  
NRS 492 Section 15 - Wildlife diseases (3)  
NRS 516 - Remote Sensing in NR Mapping (3)  
NRS 520 - Quantitative Ecology II (3) #  
NRS 522 - Advanced GIS (3)  
NRS 530/WRT 534 - Visual Env Advocacy (3)  
NRS 538 - Phys. Ecol. Vertebrates (3)  
NRS 543 - Public Engagement w/ Sci (3) #  
NRS 567 - Soil Genesis (odd years) (3)  
NRS 586 - Python GIS (3)  
GEO 210 - Landforms, Origins and Evol (4)  
BIO 286 - Humans, Insects, and Disease (3)  
BIO 304 - Comparative Vertebrate Anatomy  
BIO 455 - Marine Ecol. (3)/lab (1)  
BIO 480 - Community Ecology (odd yrs)(3)

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### ***BOTH FALL & SPRING COURSES:***

**NRS 100 - Natural Resource Conservation (3)**

**NRS 223 - Conservation Biology (4)**

**NRS 323 - Field Botany and Tax. (4) #**

NRS 410 - Fundamentals of GIS (3)

**EEC 105 - Intro Res Econ (3)**

NRS 388 – Biology of Bees (3) #

MAF 450/NRS 487 - Intern Dev Practice (1-6)

**BIO 101, 103 - General Bio I (4)**

**BIO 102, 104 - Gen Bio II (4)**

**BIO 262 - Ecology (4)**

BIO 360 - Marine Biology (3)

BIO 455 - Marine Ecology (3)

GEO 103 - Understanding the Earth (4)

CHM 101, 102 – Gen Chem I + Lab (4)

**CHM 103, 105 - Intro Chem. + Lab (4)**

CHM 111,112 - Gen Chem II + Lab (4)

**CHM 124, 126 - Organic Chem + Lab (4)**

**MTH 131 - Applied Calc (3)**

**STA 308 – Intro Statistics (4)**

BIO/CMB 352 - General Genetics (4)

WRT 334 - Scientific Writing Online (3)

### ***SUMMER COURSES***

NRS 190 online

NRS 323 - Field Botany and Tax (4) #

**BIO 101, 103 - General Biology I (4)**

**BIO 102, 104 - General Biology II (4) online**

BIO 355- Marine Inverts (3)

**BIO 262 - Ecology (4)**

CHM 101, 102 - Gen Chem I + Lab (4)

**CHM 103, 105 - Intro Chem + Lab (4)**

CHM 111,112 - Gen Chem II + Lab(4)

**CHM 124, 126 - Organic Chem (3)**

**STA 308 – Intro Statistics (4)**

NRS 410 - Fundamentals of GIS (3)

### ***J-TERM COURSES (winter break)***

NRS 475- Bonaire: Coral Reef Conservation (3)

NRS/GEO 405G Indonesia: Biodiversity (3)