

# ECOLOGICAL RESTORATION MINOR

## Minor - Ecological Restoration (Minor)

### W.A Franke College of Forestry & Conservation

Degree Specific Credits: 24

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

### Summary

Major Required Course	9-10
Required Courses	9-11
Natural Science Electives	3-5
Social Science Electives	3
Ethical & Human Values Elective Within Minor	6
Natural Sciences Within Minor	3
Total Hours	33-38

### Major Required Course

**Rule:** must take the following course

**Note:** FORS 201 can be substituted for either STAT 216 OR WILD 240

Select one of the following:	3-4
FORS 201 Forest Biometrics	
STAT 216 Introduction to Statistics	
WILD 240 Intro to Biostatistics	
NRSM 210N Soils, Water and Climate	3
NRSM 265 Elements of Ecological Restora	3
Total Hours	9-10

Minimum Required Grade: C-

### Required Courses

**Rule:** Must complete all of the following courses

**Note:** FORS 330 can be substituted for either BIOE 370 OR BIOE 428 OR NRSM 462; NRSM 385 can be substituted for BIOO 335

Select one of the following:	3-5
FORS 330 Forest Ecology	
BIOE 370 General Ecology	
BIOE 428 Freshwater Ecology	
NRSM 462 Rangeland Ecology	
NRSM 385 Watershed Hydrology	3
or BIOO 335 Rocky Mountain Flora	
NRSM 465 Foundations of Restoration Ecology	3
Total Hours	9-11

Minimum Required Grade: C-

### Natural Science Electives

**Rule:** Must take one of the following courses, but not a course already used for a core or above requirement

Select one of the following:	3-5
BIOE 342 Field Ecology	
BIOE 370 General Ecology	
BIOE 416 Alpine Ecology	
BIOE 428 Freshwater Ecology	
BIOE 439 Stream Ecology	
BIOE 448 Terrestrial Plant Ecology	
BIOE 451 Landscape Ecology	
BIOE 453 Ecology of Small & Large Lakes	
BIOE 458 Forest and Grassland Ecol	
BIOO 335 Rocky Mountain Flora	
BIOO 340 Biology and Mgmt of Fishes	
BIOO 433 Plant Physiology	
FORS 202 Forest Mensuration	
FORS 330 Forest Ecology	
FORS 331 Wildland Fuel Management	
FORS 333 Fire Ecology	
FORS 347 Multiple Resource Silviculture	
GEO 420 Hydrogeology	
GEO 460 Process Geomorphology	
NRSM 385 Watershed Hydrology	
NRSM 408 Global Cycles and Climate	
NRSM 415 Environmental Soil Science	
NRSM 418 Ecosystem Climatology	
NRSM 455 Riparian Ecology & Management	
NRSM 462 Rangeland Ecology	
WILD 470 Conserv of Wildlife Populatns	
WILD 485 Aquatic Invertebrate Ecology	
Total Hours	3-5

Minimum Required Grade: C-

### Social Science Electives

**Rule:** take at least one course from the following, but if one of these courses are required for the major a second elective must be taken

Select at least one of the following:	3
ECNS 433 Economics of the Environment	
FORS 320 Forest Environmental Economics	
GPHY 335 Water Policy	
NRSM 379 Collab in Nat Res Decisions	
NRSM 422 Nat Res Policy/Administration	
NRSM 426 Climate and Society	
NRSM 449E Climate Change Ethics/Policy	
NRSM 475 Environment & Development	
NRSM 389E Ethics Forestry & Conservation	
PTRM 482 Wilderness & Protctd Area Mgt	
Total Hours	3

Minimum Required Grade: C-

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### **Ethical & Human Values Elective Within Minor**

**Rule:** Can take the elective courses

**Note:** can take these courses for Social Science Electives in the minor and will work for this General Education Requirement

NRSM 449E	Climate Change Ethics/Policy	3
NRSM 389E	Ethics Forestry & Conservation	3.000
Total Hours		6

Minimum Required Grade: C-

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### **Natural Sciences Within Minor**

**Rule:** must take the following course

NRSM 210N	Soils, Water and Climate	3
Total Hours		3

Minimum Required Grade: C-