MINOR IN GEOSPATIAL INFORMATION SCIENCE FOR NATURAL RESOURCES

Requirements Effective Fall 2023

Students must satisfactorily complete the total credits required for the minor. Minors and interdisciplinary minors require 12 or more upper-division (300- to 400-level) credits.

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Required Lower Division:		
CS 152	Python for STEM	2
GR 220	Mapping, Cartography, and Spatial Thinking	3
Required Upper Division:		
NR 319	Introduction to Geospatial Science	4
NR 323/GR 323	Remote Sensing and Image Interpretation	3
NR 423	Applications of Global Positioning Systems	1
NR 426	Programming for GIS I	2
Required Upper Division Applications – select one course from the following:		**3-4**
FW 325	Spatial Ecology--Applications with R	
NR 422	GIS Applications in Natural Resource Management	
NR 450	Geospatial Project Design and Analysis	
NR 495	Independent Study [1]	
Upper Division Electives – select from the following courses to reach a minimum of 21 credits total for the minor		**2-4**
FW 310	Mapping Diverse Perspectives in Conservation	
FW 325	Spatial Ecology--Applications with R [2]	
FW 477	Wildlife Habitat Use and Management	
GEOL 440	Geodetic and Near-Surface Geophysical Methods	
GR 430	Land Change Science and Remote Sensing	
NR 422	GIS Applications in Natural Resource Management [2]	
NR 427	Programming for GIS II	
NR 450	Geospatial Project Design and Analysis [2]	
NR 453	Geospatial Field Methods in Natural Resources	
NR 493	Seminar--GIS and Remote Sensing Applications	
NR 495	Independent Study [1,2]	
Program Total Credits:		**21**

[1] NR 495 Independent Study must include geospatial applications and be approved by the minor advisor.

[2] Can be counted if not used to fill "Required Upper Division Applications" category.