

GEOSPATIAL ANALYSIS MINOR

NR 782 Forest Health in a Changing World
Total Credits 20

<https://colsa.unh.edu/natural-resources-environment/program/minor/geospatial-analysis>

Description

The geospatial analysis minor is designed for students who wish to have more learning and experience using the tools of geospatial analysis such as statistics, aerial photography, satellite imagery, and geographic information systems (GIS) as they relate to their chosen field of study.

Students with questions about the minor or who would like more information should contact [Dr. Russell G. Congalton](mailto:russ.congalton@unh.edu) (russ.congalton@unh.edu) in the Department of Natural Resources and the Environment, (603) 862-4644.

Requirements

Students must complete a total of 20 credits. A grade of C- or better is required in each minor course and no course can be taken pass/fail. A total of not more than 8 credits from the student's major requirements can be counted toward the minor.

Code	Title	Credits
Basic Statistics		
Select one of the following:		4
BIOL 528	Applied Biostatistics I	
PSYC 402	Statistics in Psychology	
SOC 402	Statistics	
Other basic statistics course as approved by minor advisor		
Introductory/Field/or Overview		
Select one of the following:		4
CEE 404	Surveying and Mapping	
NR 415	Natural Resources Field Methods	
NR #603	Landscape Ecology	
NR 615	Wildlife Habitats	
NR 642	Introduction to Biogeography	
GEOG #590	Field Research	
GEOG 591	Making Maps: GIS Fundamentals	
NR 757	Remote Sensing of the Environment	
ANTH 674	Archaeological Survey and Mapping in Belize	
NR 795	Investigations (Field Methods in GIS)	
GIS		
Select one of the following:		4
NR 658	Introduction to Geographic Information Systems	
NR 760	Geographic Information Systems in Natural Resources	
CEE 796	Special Topics (GIS in Water Resources)	
FORT 581	Applied Geospatial Techniques	
ESCI 777	GIS for Earth & Environmental Sciences	
Remote Sensing		
Select one of the following:		4
NR 757	Remote Sensing of the Environment	
NR 759	Digital Image Processing for Natural Resources	
ESCI 778	Remote Sensing Earth & Environmental Sciences	
Advanced Analysis		
Select one of the following:		4
NR 707	Environmental Modeling	
NR 713	Quantitative Ecology	
NR 740	Inventory and Monitoring of Ecological Communities	
NR 749	Forest Inventory and Modeling	