GEOSPATIAL TECHNOLOGIES MINOR

REQUIREMENTS

15 credits in minor courses.

COURSE REQUIREMENTS		
GEOSPATIAL TECHNOLOGIES IN THE DISCIPLINES. Choose one of the following:		3-4
ENGR 1020	Graphical Communication	
CDAE 2010	Drafting & Design: SketchUp II	
ENSC 2300	Global Environmental Assessmnt	
GEOL 2525	Geocomputing	
GEOL 3410	Geomorphology	
FOR 2110	Nat Res Ecol and Assessment 1	
CEE 2000	Geomatics	
BREADTH REQUIREMENTS: Choose 2 courses/6 credits from at least 2 of the following categories:		6
GEOGRAPHIC INFORMATION SYSTEMS:		
NR 2430	Intro to Geog Info Systems	
GEOG 2510	Geog Info:Cncpts & Applic	
REMOTE SENSING		
NR 2460	Remote Sensing	
GEOG 2520	Remote Sensing	
DATA SCIENCE:		
CS 1080	Intro to Web Site Dev	
CS 1210	Computer Programming I	
CS 1870	Intro to Data Science	
or STAT 1870	Intro to Data Science	
CS 2100	Intermediate Programming	
CS 2480	Database Design for Web	
CS 2870	Basics of Data Science	
CAPSTONE/ADVANCED EXPERIENCE. Choose 1 or more of the following:		3
NR 3430	Adv Geospatial Techniques	
NR 4430	GIS Practicum	
NR 5450	Data Vis & Communication	
NR 5460	Geospatial Computation	
GEOG 3505	Spatial Analysis	
GEOG 3520	Topics in Remote Sensing	
CS 3040	Database Systems	
MATH 3766	Chaos,Fractals&Dynmcal Syst	
STAT 3010	Stat Computing&Data Anlysis	
With the approval of a minor advisor, a maxium of 3 credits of relevant applied research or internship credit may be applied to the capstone requirement.		
ELECTIVES: 3 additional credits from any of the categories listed in the minor.		3
LEVEL REQUIREMENT		
At least 9 credits must be at the 2000-level or above.		

PRE/CO-REQUISITIES

Introductory and intermediate courses for various subjects may be necessary to reach the courses at the 2000-level or above applicable to the minor.

REMINDERS

In the College of Arts and Sciences (CAS), only one course may overlap between a major and a minor or between two minors.