

GEOSPATIAL TECHNOLOGY CERTIFICATE

The Certificate in Geospatial Technology provides students with a foundation in geographical technology and information science with hands-on use of the latest software for geographic information system (GIS), including digital input from Global Positioning System (GPS) data and remotely sensed imagery. The certificate also trains students in basic and advanced map design skills as a vital accompaniment to GIS. Professionals in GIS technology work in private industry, government, and nonprofit organizations. The certificate can be taken in connection with a geography or other degree, or as a stand-alone certificate.

Grading Requirement

All courses taken to fulfill program course requirements must be taken for a letter grade except those courses specified by the department as credit/no credit grading only.

A grade point average of 2.5 must be earned for courses required for the certificate. A grade of C or higher must be earned in each course of the certificate program.

Course Requirements for the Certificate

The following courses, or their approved transfer equivalents, are required of all candidates for this certificate.

Course	Title	Units
GEOG 111	Introduction to Geographic Methods	3
GEOG 211	Introduction to Geographical Information Systems	3
GEOG 313	Introductory Cartography	3
GEOG 315	Applied Statistical Methods in Geography	3
GEOG 411	Geospatial Analysis and Modeling in GIS	3
GEOG 418	Remote Sensing of Environment	3
Select one of the following:		3-4
CIVL 130	Surveying	
CSCI 111	Programming and Algorithms I	
GEOG 417	Field Techniques	
MADT 222	Basic Web Design	
MADT 283	Digital Fundamentals	
MINS 235	Database Design	
Total Units		21-22