

UNDER CONSTRUCTION

Program Description

Units required for Minor: 12

The Graduate Minor in Geographic Information Systems (GIS) provides students with a comprehensive understanding of the theoretical and practical aspects of geographic information systems, data acquisition and visualization, spatial analysis, and their applications in various fields. The program is designed to provide students in other graduate programs with the opportunity to broaden their exposure to and understanding of GIS. The program focuses on developing advanced skills in GIS, spatial data management, and leveraging geospatial technologies. The graduate minor complements several graduate degree programs where spatial analyses may be required, such as Anthropology, Biological Sciences, Business Analytics, Civil Engineering, Criminal Justice, Economics, and Geology.

Admission Requirements

Prospective students must be admitted to a graduate program at the university and must maintain satisfactory progress towards their primary graduate program. A letter of support from their graduate advisor is required. Students may need to fulfill specific prerequisites for GIS courses.

Minimum Grade Requirement

A grade of "B-" or better is required in each course listed for the graduate minor, with a minimum cumulative GPA of 3.0.

Program Requirements

Code	Title	Units
GEOG 209	Geographic Information Systems ¹	3
GEOG 210	Spatial Analysis in GIS	3
GEOG 250	Programming for GIS	3
GEOG 255	GIS Data Acquisition and Management	3
Total Units		12

¹ May be satisfied with previous undergraduate coursework equivalent to GEOG 109