A geographic information system, (GIS) has become an integral aspect for supporting decision-making in a variety of fields, such as environmental sciences, urban planning/management/policy, political science, civil engineering, business, education administration, real estate, and health care. With its diverse capabilities, the need for GIS in the workplace has increased over the years. As a result, competency in GIS will provide UIS students additional future career opportunities and enhance their present positions.

The purpose of the minor is to give students the opportunity to gain valuable GIS knowledge and skills that can be applied to careers in both academia and practice. Upon completion of the GIS minor coursework, students will be able to

- Demonstrate a mastery of basic skills and techniques of using GIS software;
- Identify, describe, diagnose, and offer possible solutions to issues related to each student’s major using GIS technology;
- Demonstrate skills to develop and present concise but effective presentations with geospatial data;
- Demonstrate abilities to work effectively with students from different backgrounds in accomplishing team projects.

**Required Courses**

- ENS 304 Mapping Our Social and Physical World (3 hrs.)
- ENS 404 Fundamentals of GIS (4 hrs.)
- ENS 405 Fundamentals of Remote Sensing (4 hrs.)