

# Geol 500: Intro. to Geographic Information Systems

## [Geology & Geological Engineering](#)

Introduces the use of a geographic information system. Topics include applications of geographic information; spatial data collection; data accuracy and uncertainty; data visualization of cartographic principles; spatial analysis; GPS/GNSS; and legal, economic, and ethical issues associated with the use of a geographic information system.

3 Credits

### Prerequisites

- Prerequisite: Junior standing (60 hr).

### Instruction Type(s)

- Lecture: Lecture for Geol 500

### Subject Areas

- [Geology/Earth Science, General](#)
- [Geographic Information Science and Cartography](#)

