

## **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](#)

