

# GEOGRAPHIC INFO SCIENCE & TECH (GIST)

---

**GIST-271**  **Introduction to Geographic Information Science and Technology Using Geographic Information Systems (GIS) Geographic Information Systems**

**4 Credits**

**Lecture:** 3 hours per week, **Lab:** 2 hours per week

**Offering:** Fall Only, All Years

This course will present fundamentals of Geographic Information Systems (GIS), including basic applications, procedures, and survey approaches to problem solving through the use of GIS. Emphasis is on data acquisition and techniques for computer-aided analysis utilizing Geographic Information Science across a variety of disciplines. Computer literacy in use of Excel spreadsheets and a basic understanding of Windows and file directory structures is recommended.

**Corequisites:** GIST-271L