# GIS 201: Introduction to Geographic Information Systems

This course introduces students to the concepts, techniques, and tools of Geographic Information Systems (GIS), which is a computer-based data processing tool used to manage and analyze spatial information. Topics covered include data acquisition, management, manipulation, and analysis, and cartographic output for applications of GIS in scientific and technological operations such as environmental assessment, analysis or natural hazards, site analysis for business and industry, resource management, and land-use planning. Through hands-on exercises and/or projects with related software packages, students will acquire basic skills in GIS.

**Credits:** 3
**Transfer Code:** Code C
**Lab Hours:** 1
**Lecture Hours:** 2
**Prerequisites:**
As required by program
**Program:** Geospatial Technology
**Semester Offered:**
Spring