

GIST150: Geospatial Data Collection

A broad overview of the input module of a Geographic Information System (GIS) that supports coherent outputs to spatial queries. The focus is on the operations and characteristics of land-based, airborne and satellite systems for geospatial data acquisitions for GIS databases. Students will learn the basics of GIS input data quality, understand metadata descriptions, skills to evaluate and understand multisensor data fusion, data compatibilities and types, and a systems approach for a consistent output.

Credits: 4

Lab Hours: 0

Lecture Hours: 4

Prerequisites:

GIST101 and MATH074

Program: [Geographic Information Systems](#)