

GEG-8 — INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS, WITH LAB

About This Course

Transfer: UC, CSU

3.00 units

Prerequisite: None.

Description: Study of Geographic Information Systems (GIS) and science. Examines fundamental concepts including the utility of GIS in numerous career fields, digital data models, spatial database design, and approaches for spatial analysis of geographic data. Lab introduces students to applications of GIS for exploring environmental and social issues while developing core skills for working with, evaluating, and extracting information from digital map data. GIS and GPS applications will be used for data gathering, management, analysis, and display. 36 hours lecture and 54 hours laboratory. (Letter grade only)