MINOR IN GEOSPATIAL TECHNOLOGY

Overview

Geospatial technology is a term used to describe the range of modern tools contributing to the geographic mapping and analysis of the Earth and human societies.

These technologies are growing rapidly and inform decision-makers about biodiversity conservation, agricultural monitoring, freshwater management, urban planning, transportation, logistics, trade, natural disaster prevention, humanitarian relief, and much more.

The Geospatial Technology minor helps students build skills in geospatial technology, such as Geographic Information Systems (GIS) and Remote Sensing (RS).

The Geospatial Technology minor is essential for students in fields that require modern geospatial technology skills to be competitive in the job market, such as biology, marine science, ecosystem science and policy, architecture, economics, business, and engineering.

Curriculum Requirements

Code	Title	Credit Hours
Choose one:		**3**
GEG 101	Digital Earth	
GEG 105	World Regional Geography	
GEG 110	Introduction to Human Geography	
GEG 120	Physical Geography	
Core Courses		**9**
GEG 310	Geographic Information Systems I	
GEG 321	Remote Sensing of the Environment	
GEG 410	Geographic Information Systems II (GIS Minor Electives)	
Geospatial Technology Electives [1]		**3**
Select one of the following:		
GEG 305	Spatial Data Analysis I	
GEG 315	Digital Cartography	
GEG 390	Topics in Geography	
or GEG 590	Advanced Topics in Geography	
GEG 398	Independent Research	
or GEG 598	Advanced Independent Research	
GEG 399	Independent Study	
GEG 405	Spatial Data Analysis II	
GEG 412	GIS for Health and Environment	
GEG 414	Crime Mapping and Analysis	
GEG 415	Web GIS	
GEG 597	Internship in Geography	
Geography Elective 200 level or above		**3**
Total Credit Hours		**18**

[1] Other electives may be approved by the Director of Undergraduate Studies.