

GEOGRAPHY (GEOGRAPHIC INFORMATION SCIENCE AND TECHNOLOGY) - BACHELOR OF SCIENCE

Overview

The Department of Geography and Environmental Studies offers a Bachelor of Science in Geography with a concentration in Geographic Information Science and Technology (GIS&T). This major provides students with a strong foundation in geography, the study of how people and the environment interact across space and time, and introduces diverse concepts and methods from the natural sciences, social sciences, and humanities.

Unlike the concentration in Environmental Studies, the GIS&T concentration focuses on the collection, analysis, and visualization of geospatial data using various technologies for tackling human and/or environmental challenges.

Graduates pursue careers in fields such as data and information management, urban and regional planning, cultural and natural resources management, emergency management, and public health.

Program Learning Outcomes

Upon completion of the B.S. in Geography with a concentration in Geographic Information Science & Technology, students will be able to:

1. Apply geographic concepts and methods to critically evaluate human and/or environmental problems.
2. Articulate potential ethical solutions to human and/or environmental problems using critical thinking.
3. Communicate effectively in verbal, written, and/or visual formats with diverse audiences.

More Information

See the Requirements tab for details on course and credit expectations for earning the B.S. in Geography with a concentration in Environmental Studies, and the Roadmap tab for a suggested course sequence.