About The Major

Geography is the science of place and space. It encompasses both natural science and social science as it examines people and their environment and serves as a bridge between the physical and cultural worlds. Geographic information science, on the other hand, is a scientific discipline that studies data structures and computational techniques to capture, represent, process, and analyze geographic information.

Sample Course Work

- Physical Geography
- Human Geography
- Geographic Information Systems
- Thematic Cartography
- People, Cultures, and Environments
- Remote Sensing of the Environment

Possible Careers

*Some titles may require further education

- Cartographer
- GIS Analyst
- City Planner
- GIS Officer
- Area Specialist
- Conservation Officer
- Landscape Architect
- Environmental Consultant
- Researcher
- Remote Sensing Specialist
- Sustainability Officer
- Commercial Surveyor

UNI Graduates: Where Are They Now?

- Dubuque County
- Iowa Northland Regional Council of Government (INRCOG)
- Iowa Department of Agriculture and Land Stewardship (IDALS)
- GARMIN
- John Deere
- Aerial Services, Inc.
- Linn County
- Energy and Environmental Research Center
- Hampton Roads Planning District Commission
- Next Door Milwaukee
- Multnomah County
- Terraplane, LLC

Skills Needed

- Research Skills
- Ability to Work Independently and on a Team
- Problem-solving
- Oral Communication
- Evaluation
- Flexibility