

B.A. and B.S.



Geographers study the interactions between human and natural systems using uniquely geographical perspectives, methods, and tools.

CAREER OPPORTUNITIES

Explore issues, including sustainability, geoinformatics, public policy, social science, geospatial technology, and health. Choose one of the three tracks below to prepare for careers in a variety of fields:

- **ENVIRONMENTAL STUDIES.** Examine the natural world from physical and sociocultural perspectives. Topics include climatology, sustainable development, landscape ecology, remote sensing, and land use.
- **GISCIENCE.** Geographic Information Science utilizes the latest computer systems and technologies to analyze how and why phenomena vary across space and time. Topics include environmental modeling, geographic data collection, geovisualization, remote sensing, and GPS.
- **HEALTH & SOCIETY.** Understand how disease and health services vary geographically and the causes and consequences of these patterns. Included concepts are increased globalization, the role of the natural environment in social change, and hazards, and justice.

INTERNSHIPS & EMPLOYMENT

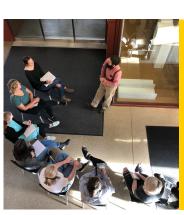
Herzog Technologies • Iowa Department of Natural Resources Farrington Transportation • Bur Oak Land Trust • SSP Innovations • D.C. Policy Center • Moxie Solar • Global Mapping Solutions • CDM Smith • Aerial Insights • CenterPoint Energy • Pacific Disaster Center • PlanIT Geo • Esri • Rockwell Collins • Schneider Geospatial • Cargill • U.S. Geological Survey • JCG Land Services • Urban GIS • WCE Energy Group

Career

Possibilities

Include

- > Environmental Consultant
- > GIS Analyst
- > Remote Sensing **Specialist**
- > Ecologist
- > Global Health Manager
- > Conservationist
- > Environmental Scientist
- > Water Resources Advisor
- > Geodatabase **Analyst**
- > Epidemiologist
- > Sustainability Director





GET IN Touch!

Schedule a campus visit

UNDERGRADUATE ADMISSIONS

Phone:

(319) 335-1566

Email:

campus-visits@uiowa.edu

web:

admissions.uiowa.edu

Ask questions about enrollment/transfers:

CLAS ACADEMIC ADVISING

Phone:

(319) 335-2633

Email:

clas-advising@uiowa.edu

Web:

advisingcenter.uiowa.edu

Get program details

DEPT. OF GEOGRAPHICAL & SUSTAINABILITY SCIENCES

Phone:

(319) 335-0151

Email:

geography@uiowa.edu

Web:

clas.uiowa.edu/geography

GEOGRAPHY @ IOWA

HANDS-ON LEARNING

A wide array of opportunities and resources are available to Geography students interested in gaining research, fieldwork, and professional experience.

- > GIS RESEARCH LAB. The Geographic Information Systems Instructional Lab (GISIL) is a state-of-the-art computer lab used to teach GIS, cartography, and remote sensing. The GISIL also supports field-based educational activities using mobile GIS software, LiDAR 3D terrain models, and UAVs.
- ORGANIZATION. ICIGO is a student organization within the Department of Geogrpahical & Sustainability Sciences that utilizes experiences and skills gained in the classroom to support projects focused on sustainability in the community and state of Iowa.
- > UNDERGRADUATE RESEARCH. Partnerships with groups on campus like the Iowa Center for Research by Undergraduates and state and national organizations like the National Science Foundation, our students have many opportunities to get involved with faculty research and to investigate their own research questions.



CLASSES YOU MIGHT TAKE:

- > Foundations of GIS
- > Urban Ecology
- > LiDAR: Principles and Applications
- > Water Resources
- > Environmental Justice
- Intro to Geographic Visualization
- > Geography of Health
- > Hazards and Society

For full curriculum, visit: catalog.registrar.uiowa.edu





