

Geographical Sciences

What can I do with my major?



DEPARTMENT OF
GEOGRAPHICAL
SCIENCES

Skills Developed in Your Major



Geographic Theory: Ability to demonstrate and apply knowledge of general geographic theory.



Technical Skills: Acquire proficiency in using state-of-the-art software within the field of GIS and Remote Sensing.



Integrative Thinking: Synthesize material within sub-disciplines of geography for application to many global issues.



Communication: Communicate effectively orally, in writing, and through geovisualization.

Related Careers

- Associate Consultant
- Cartographer
- Climate Change Analyst
- Data Analyst/Specialist
- Data Scientist
- Environmental Pollutant Data and Modeling
- Environmental Scientist/ Specialist
- Geospatial Analyst
- GIS Analyst/Technician
- GIS Mapping Support Specialist
- GIS Research Associate/ Planner
- Land Use Planner
- Natural Resource Planner
- Network Engineer
- Research Analyst
- Research Assistant
- Remote Sensing Data Analyst
- Surveying and Mapping Technician
- Transportation Planner
- Urban and Regional Planner

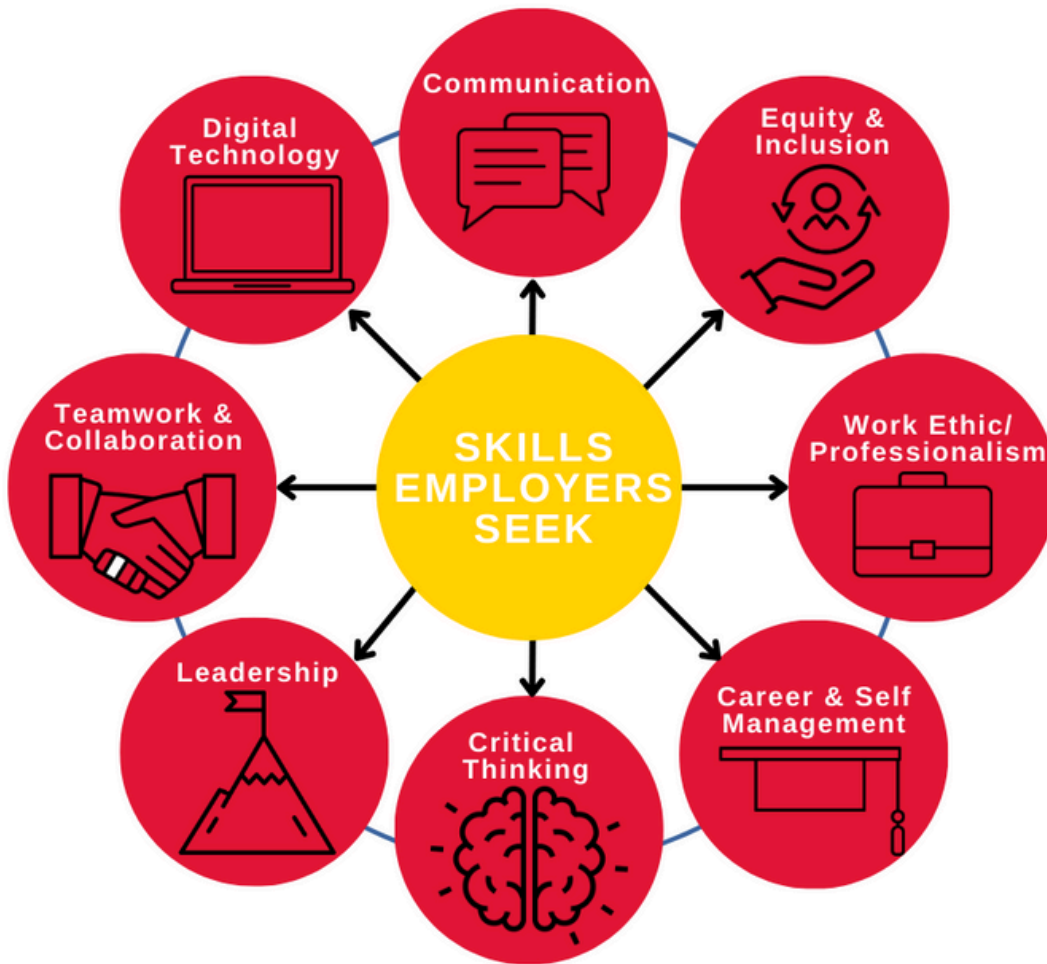
Organizations Hiring GEOG Majors

Amazon.com, Inc.	National Geospatial-Intelligence Agency
ASRC Federal	National Park Service
Booz Allen Hamilton	Potomac-Hudson Engineering
Deloitte	Spatial Front, Inc.
Esri	Triumvirate Environmental
Geomni	U.S. Census Bureau
Geospatial Consulting Group	U.S. EPA
IIC Technologies, Inc	U.S. Forest Service
MD Department of Natural Resources	University of Maryland
National Geospatial-Intelligence Agency	

Organization Types:

Agribusiness corporations
City & regional planning agencies
Federal/state government
Insurance organizations
Museums & historical sites
Nonprofit organizations
Real estate developers
Research groups/institutes
Resource management agencies

Skills Employers are Seeking



IDENTIFY

Which skills are you gaining from coursework, campus involvement, or leadership experiences?

[Read more.](#)

ARTICULATE

As you gain skills, add examples to the following.

- [Resume](#)
- [Elevator pitch](#)
- [Interview responses](#)
- [More!](#)

NACE Job Outlook Survey.

Technical Skills Acquired

GEOG students can gain many technical skills through the coursework.

- Software: ArcGIS, QGIS, MS Office Suite, ENVI, PCI Geomatica
- Computer Programming: R, Python, Google Earth Engine, C, Perl, SQL

Expand Your Skills & Network

Gain Experience

- Internship
- Research
- Leadership

Meet Employers

- GEOG Events
- Terrapins Connect
- Intern for a Day

Career Planning

- Enrichment courses
- Handshake
- Gain skills

BSOS

FELLER CENTER

ADVISING & CAREER PLANNING

The Feller Center offers career exploration resources, self assessments, and individual appointments. Questions? bsoscareers@umd.edu

Website: fellercenter.umd.edu/career-planning

go.umd.edu/geogmajorskills