

CAREERS IN GEOGRAPHY

Geography: Find Your Place

Geography asks the big questions – How? Why? What if? – and lets you answer them with advanced technology and a solid knowledge of the world in which you live.

- ❖ Manage natural and urban environments
- ❖ Analyze the evolving relationship between people and places
- ❖ Plan transportation routes
- ❖ Investigate sustainable land use worldwide
- ❖ Create Geographic Management Systems for industries and government agencies
- ❖ Help understand and restore natural ecosystems
- ❖ Geographers make a difference!

Are you a geographer?

Do you like to ...

- gather and analyze information?
- use maps to find and show information?

Are you interested in...

- where things are located?
- relationships among different places?
- international travel and trade?

Do you want to...

- protect our natural resources?
- plan the best possible use of our land?
- develop and apply advanced new technologies?

Revolutionary New Geographic Technologies

The invention of real-time, interactive, and mobile GPS/GIS technologies now enables “real world-real time” geography. These technologies have led to significant advances in the ways in which geographic information is collected, mapped, interegrated, and used by geographers, as well as in the world at large. Such “geographic management systems” are now at the heart of a vast array of real-time interactive mobile computing, geolocational services, mapping, and wireless geographic services applications.

Private sector firms...

need geographers who can develop and apply geographic ideas and technologies to complex real world systems. Geographers also conduct marketing studies, plan transportation routes, understand international markets, and determine environmental risks associated with site locations. From transportation agencies to electric utility companies, and from forestry to telecommunications, real-time mobile interactive geographic technologies and databases are emerging as the backbone of large-scale operations management systems for industries with distributed assets and mobile workforces.

Professional Skills acquired through a Major in Geography

- ❖ Analytical and quantitative thinking
- ❖ Computer literacy
- ❖ Data gathering and organization
- ❖ Observation
- ❖ Problem solving
- ❖ Project planning
- ❖ Research
- ❖ Data interpretation
- ❖ Statistical analysis
- ❖ Global issue sensitivity
- ❖ Cultural issue sensitivity
- ❖ Teamwork
- ❖ Technical application
- ❖ Oral and written communication

The Job Market is Hot!

More geographers than ever before are employed in exciting jobs, using skills in cultural, regional and physical geography as well as modern technologies that have revolutionized the workplace.

Geographers use satellite images, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and remotely sensed data, both in the field and in their offices and laboratories.

All levels of government....

hire geographers. They may work for local and state economic development or planning offices, conduct research in recreation and park use, or map land use from satellite images. Many geographers at the federal level work for the National Imagery and Mapping Agency, the Environmental Protection Agency, the Central Intelligence Agency, the U.S. Geological Survey, and the Department of State.

Education...

needs K-12 teachers with solid geography backgrounds, since all states have recently introduced higher standards for geography instruction. At the college level, exciting new courses attract large numbers of students, and the demand for faculty with regional specialties or theoretical and research capabilities is strong.

For more information, please contact the Department of Geography & Urban Studies at 973-720-2520