

GEOGRAPHY

What can I do with this degree?

AREAS

EMPLOYERS

STRATEGIES

PHYSICAL/ENVIRONMENTAL

Water and Natural Resources
Planning
Environmental Impact
Terrain and Land Use

Federal government
Publishers of textbooks and maps
Travel agencies
Manufacturing and retail firms
Real estate developers
Corporations or companies in insurance,
environmental work, transportation,
communications and international trade
Scientific and research groups
Forestry, mining, engineering, architectural and
surveying firms

Learn federal government job application process.
Become skilled in related computer technology.
Obtain related experience.
Take elective courses in botany, plant science and
wildlife.

HUMAN (SOCIO-ECONOMIC)

Economic Development
Population
Transportation
Social Sciences Research
Policy Research
Program Development
Program Administration
Health Care Data Collection and Analysis
Housing
Statistics

State, regional, and local government
Federal government including:
Central Intelligence Agency
Defense Mapping Agency
Bureau of Census
Department of State
Publishers of textbooks and maps
Travel agencies
Manufacturing and retail firms
Real estate developers
Corporations or companies in insurance, environ-
mental work, transportation, communication
and international trade
Scientific and research firms
Forestry, mining, engineering, architectural and
surveying firms

Learn federal, state and local government job
application process.
Become skilled in related computer technology.
Develop excellent communications skills.
Obtain related experience.
Understand local language, history, customs, and
culture.

AREAS

EMPLOYERS

STRATEGIES

CARTOGRAPHY

Mosaics
Photogrammetry
Stereo Plotting
Mapping
Printing and Reproducing

Federal government including:
Departments of Defense, Interior, Commerce,
Agriculture, and State
State and local government agencies
Private industry including:
utilities, construction, engineering, energy,
environmental planning, and consulting firms
Map publishers

Become skilled in related computer technology.
Learn photography skills.
Take courses in surveying and measurements,
photogrammetry, technical mathematics,
drafting, statistics, optics, remote sensing, art
and graphics.
Seek summer internships.
Learn federal, state and local government job
application process.

REMOTE SENSING GEOGRAPHIC INFORMATION SYSTEMS

Private companies
Colleges and universities
Federal agencies including:
U.S. Geological Survey, Forest Service, Soil
Conservation Service, Defense Mapping,
Army Corps of Engineers, National Oceanic and
Atmospheric Administration, Environmental
Protection Agency, National Aeronautics and
Space Administration and Central Intelligence
Agency
State and regional government
Departments of Transportation, Agriculture,
Environmental, and Health Planning Agencies

Develop excellent communications skills.
Become skilled in related computer technology.
Learn federal, state and regional government job
application process.

PLANNING

Urban
Regional

City, county, and regional planning agencies
State government
Research organizations
Private business
Banks
Industrial firms
Airline companies
Utility companies
Federal government agencies including Agency for
International Development, World Bank;
Department of Housing and Urban Development
Real estate development

Develop team work skills.
Learn federal, state and local government job
application process.
Maintain excellent academic undergraduate record.
Obtain master's degree in planning.

AREAS

BUSINESS AND INDUSTRY

EMPLOYERS

Retail and wholesale companies
International trade organizations
Forestry, mining, manufacturing, engineering,
architecture and surveying firms
Public utilities
Hospitals and healthcare facilities
Textbook and map publishers
Travel agencies
Real estate developers and construction firms
Insurance companies
Transportation firms
Agricultural organizations
Consulting firms

STRATEGIES

Obtain a business minor.
Develop research, evaluation and presentation
skills applicable to business problems.
Get experience working in highly competitive
atmosphere.
Take courses in statistical and mathematical
analyses and computer programming.
Develop excellent communication skills.

EDUCATION

Teaching
Research
Cartography, Remote Sensing and
Computer Mapping
Environmental Science
Urban/Urban Related Studies

Elementary/secondary public and private schools
Colleges and universities

Obtain certification/licensure for public school
teaching.
Join National Council for Geographic Education
and/or the Association of American Geogra-
phers.
Complete master's degree for community college
teaching; Ph.D. for college/university teaching
and research.
Specialize in quantitative research techniques,
computer mapping, and natural resource
management.

GENERAL INFORMATION

- Bachelor's degree qualifies for entry-level government and industry positions.
- Master's degree qualifies for community college teaching and advancement in industry and government.
- Ph.D. is required for advanced research or teaching positions in colleges and universities and senior positions in government and industry.
- Obtain volunteer, part-time, summer, internship, and/or co-op experience in architectural firms, geography department offices, museums or archeological sites.
- Join professional organizations--such as American Geography Society or the National Council for Geographic Education.
- Become a member of groups directed toward improvement of natural resources, environment and pollution control.
- Obtain computer, drafting, and computer-aided drafting (CAD) experience.
- Develop strong mathematical and statistics skills.
- Obtain experience and skills and develop interest in mapping, graphics and charts.
- Interest in photography may prove beneficial.
- Develop good communications skills.