

WHAT CAN I DO WITH MY GEOGRAPHY DEGREE?



Using the Major Sheet:

- Large headings indicate **industry** area and subheadings indicate **employers** within that area.
- Use the titles to search for careers and related careers in order to explore your options within different areas of industry. Note that some career titles have multiple names for similar positions.
- An asterisk (*) notes that additional training (certification, graduate school, high level of experience) may be needed in order to obtain this career. Make sure to thoroughly research career pathways.

CARTOGRAPHY / GIS / REMOTE SENSING

Land Developers, Utilities, Planners, USGS, Nat'l Imagery & Mapping Agency, US Census, Dept. Of Defense, State Department, CIA

- GIS Specialist
- Cartographic Technician
- Computer Mapping Technician
- Remote Sensing Analyst
- Intelligence Officer
- GIS Applications Specialist
- Surveyor/Crew Chief
- Map Editor
- Aerial Photo Interpreter
- Map Analyst
- Computer Cartographer
- Map Librarian
- Remote Sensing Specialist

PLANNING / LOCATION ANALYSIS

Zoning Agencies, Gov't Planning Offices, Consulting Firms, Gov't, Land Development Co.

- Health Services Planner
- Planning Assistant
- Location Expert
- Geographic Area Specialist
- Zoning Investigator
- Travel Agent
- Associate Planner
- Project Manager
- Market Researcher
- Property Manager
- Real Estate Appraiser
- Environmental Manager
- City Planning Aide
- Site Researcher
- Facilities Planner
- Real Estate Agent
- Real Estate Broker

DISTRIBUTION / TRANSPORTATION

Shipping Co., Dept. of Transportation, Gov't

- Public Transportation Coordinator
- Traffic Manager
- Route Design Manager
- Traffic Technician
- Transportation Analyst
- Operations Officer

ENVIRONMENTAL

Education / Communication (Parks, Nature Centers, Schools, Non-Profits)

- Writer
- Environmental Educator
- Nature Interpreter

Solid Waste / Hazardous Waste (Chemical Co., Waste Management Co., Gov't)

- Regulation Assistant
- Hazardous Waste Planner
- Research Assistant
- Compliance Officer

Water Quality / Air Quality (EPA, State and Local Gov't)

- Waste Water Treatment Assistant
- Advocate
- Water Quality Analyst
- Environmental Quality Specialist
- Engine Emission Technician
- Quality Control Manager
- Researcher
- Water Resource Specialist
- Pollution Control Technician
- Climatologist
- Air Pollution Analyst
- Water Quality Planner
- Hydrologist
- Compliance Officer
- Meteorologist

Conservation (Gov't, Land Trusts, Non-Profits)

- Environmental Impact Specialist
- Land Acquisition Specialist
- Land Use Analyst
- Resource Analyst
- Natural Resources Manager
- Advocate
- Environmental Manager
- Natural Resources Specialist
- Land Use Planner
- Soil Conservationist

Fish / Wildlife Management (Gov't, Game Preserves, Fisheries, Universities, Big Game Ranches)

- Outdoor Guide
- Ranger
- Wildlife Manager

Parks and Recreation (Fed, State, Local Gov't, Nature/Environmental Centers, Outward Bound)

- Ranger
- Administrator
- Natural Resources Specialist
- Outdoor Educator
- Recreation Planner
- Natural Resource Manager
- Recreation Resource Planner
- Interpreter
- Researcher
- Program Manager

Forestry (Gov't, Mills, Paper Co., Dept. of Agriculture, Nat'l Forest Service)

- Forestry Technician
- Peace Corps Volunteer

EDUCATION

Schools, Government, Non-Profits

- Agricultural Extension Specialist
- Environmental Educator
- Teacher
- Admissions Counselor
- Tour Guide
- English Teacher Abroad

PUBLIC POLICY

Congress / State Legislature / Local Government

- Congressional/Legislative Aide
- Legislative Correspondent
- Legislative Research Assistant
- Committee Staff Person

Policy / Research Organizations (Green Peace, Nature Conservancy, Sierra Club)

- Public Opinion Interviewer
- Community/Field Organizer
- Program Developer
- Fund-Raiser/Development Associate
- Project Assistant
- Lobbyist Assistant
- Membership Coordinator
- Political Organizer
- Convention Organizer
- Research Associate
- Public Policy Analyst
- Project Manager
- Legislative Liaison
- Conference Coordinator
- Public Policy Analyst

HUMAN SERVICES

Advocacy Groups, Government, Non-Profits, Hospitals Corrections / Rehabilitation

- Community Service Agency Worker
- Volunteer Coordinator
- Community Educator/Activist
- Equal Opportunity Rep.
- Activities Leader
- Police Officer
- Recreation Coordinator
- Community Outreach Worker
- Customs/Immigration Officer

BUSINESS

Advertising / Marketing / Public Relations

- Marketing Research Analyst
- Advertising Salesperson
- Public Relations Specialist
- Special Events Coordinator
- GIS Consultant

Preparation for a Competitive Job Market:

- **Focus on transferable skill sets** as you pursue a degree in Geography.
- **Obtain relevant internship, co-op, or volunteer experiences.**
- **Supplement Geography coursework** with **classes** that are **relevant** to your career.
- **Meet with a Career Specialist** to explore options, make decisions, and prepare for career choices.

Additional Career Center Resources:

- **Major Sheets (GEOG, GS, ENVS, POLI):** <https://careers.umbc.edu/tools/majors/>
- **The Vault:** <https://careers2.umbc.edu/tools/vault/>
 - Use the top search bar to find these relevant guides:
 - [“Vault Guide to Earth Sciences Jobs”](#)
 - [“Vault Guide to Nonprofit Jobs”](#)
 - [“Vault Guide to Environmental Science & Conservation Jobs”](#)
 - [“Vault Guide to Park and Public Land Jobs”](#)
- **Professional Associations:**
 - Association of American Geographers: <http://www.aag.org/>
 - American Geosciences Institute: <http://www.americangeosciences.org/>
 - National Society of Professional Surveyors: <https://www.nsps.us.com/>
 - National States Geographic Information Council: <https://www.nsgic.org/>
 - Cartography and Geographic Information Society: <http://www.cartogis.org/>
 - The Imaging and Geospatial Information Society: <http://www.asprs.org/>
 - University Consortium for Geographic Information Science: <http://ucgis.org/>