

# WHAT CAN I DO WITH MY GEOGRAPHY & ENVIRONMENTAL SCIENCE/STUDIES DEGREE?

UMBC - CAREER SERVICES CENTER

## **CARTOGRAPHY / GIS / REMOTE SENSING**

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

- GIS Specialist
- Computer Mapping Technician
- Computer Cartographer
- Map Analyst
- Remote Sensing Analyst
- Intelligence Officer
- GIS Applications Specialist
- Cartographic Technician
- Cartography Compiler
- Map Editor
- Aerial Photo Interpreter
- Topographical Drafter
- Surveyor/Crew Chief
- Drafter
- 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
- Planner
- Route Design Manager
- Traffic Technician
- Operations Officer
- Transportation Analyst
- Shipper

## **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
- Compliance Officer
- Insurance Underwriter
- Research Assistant
- Hazardous Waste Planner
- Solid Waste Manager
- Radiation Monitor

### **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
- Air Pollution Analyst
- Water Quality Planner
- Hydrologist
- Compliance Officer

### **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 Trip Leader
- 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)**

- Lumber Sales Rep/Buyer
- 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 Research Assistant
- Committee Staff Person
- Legislative Correspondent
- Press Secretary
- Campaign Staffer

### 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
- Recreation Coordinator
- Community Outreach Worker
- Probation/Parole Officer
- Race Relations Specialist
- Volunteer Coordinator
- Patient Advocate
- Police Officer
- Social Service Administrator
- Activities Leader
- Community Educator/Activist
- Customs/Immigration Officer

## BUSINESS

### Advertising / Marketing / Public Relations

- Marketing Research Analyst
- Advertising Salesperson
- Public Relations Specialist
- Special Events Coordinator
- Media Buyer
- Copywriter

### Human Resources

- Personnel/Human Resources Asst.
- Recruiter/Interviewer
- Trainer

### Insurance / Banking

- Claims Representative/Examiner
- Customer Service Representative
- Insurance Agent
- Branch Manager
- Underwriter
- Loan Representative

### Retail / Sales

- Assistant Buyer
- Store/Department Manager
- Sales Representative

### Publishing / Journalism

- Editorial Assistant
- Reporter
- Salesperson
- Technical Writer
- Promotions Assistant
- Circulation Personnel

## KEEP IN MIND...

This list is just a brief introduction to your career options - it is *not* a complete list! Also keep in mind that although these career fields are open to you as a geography, environmental science, or environmental studies major, you must take extra steps to prepare yourself for a competitive job market. It is important to:

- (1) **obtain relevant internship, co-op, or volunteer experience** (see CSC about their part-time, major-related job announcements and the Shriver Center about co-op, internship, and service opportunities) *and*
- (2) **supplement your major course work** with classes that would be relevant and beneficial to your chosen career field.

Make an appointment with a career advisor for suggestions on researching your career options, choosing a career field, and preparing for your chosen occupation.

## ADDITIONAL RESOURCES

**Internet sites:** that allow you to explore career options for Geography and Environmental Science/Studies degrees:

- Career Services Center - Links by Major: [http://www.careers.umbc.edu/students/websites\\_major.php](http://www.careers.umbc.edu/students/websites_major.php)

### CSC Career Resource Center

- *Careers Using Geography*
- *Careers in the Environment*
- *Environmental Careers in the 21<sup>st</sup> Century*
- *Vault Guide to Environmental Careers*

### Professional Associations:

- **Association of American Geographers** (<http://www.aag.org/>)