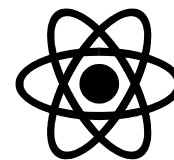


# WHAT CAN I DO WITH MY BIOLOGICAL SCIENCES DEGREE?



UMBC - CAREER SERVICES CENTER

## BIOTECHNOLOGY

### Pharmaceutical Companies, Government Labs, Biotechnology Firms

#### Research & Development

- Lab Assistant
- Plant Breeder
- Research Associate
- Pest Control Researcher
- Media Prep Technician

#### Quality Control

- Enviro. Health & Safety Specialist
- Food & Drug Inspector
- Quality Control Lab Supervisor
- Validation Engineer
- Quality Control Lab Tech.
- Clinical Quality Assurance
- Quality Control Analyst
- Quality Analysis Technician

#### Clinical Research

- Clinical Coordinator
- Technical Writer
- Clinical Data Specialist
- Research Associate
- Clinical Research Associate
- Data Management

#### Manufacturing and Production

- Production Planner Scheduler
- Food Technologist
- Manufac. Research Assoc.
- Crop Production Specialist
- Process Development Assoc.

#### Regulatory Affairs

- Regulatory Affairs Specialist
- Crime Lab Analyst/Technician
- Documentation Specialist
- Public Health Inspector
- Patent Examiner
- Case Examiner - M.E.'s Off.

## GENETICS

### Universities, Government Labs, Pharmaceutical/Agricultural Institutions

- Genetics Lab Technician
- Research Assistant
- Genetic Research Tech.
- Lab Assistant

## MICROBIOLOGY

### Universities, Private Research Labs, Environmental Agencies/Organizations, Hospitals,

#### Food/Chemical Companies

- Quality Assurance Technologist
- Brewery Lab Assistant
- Research Assistant
- Asst. Microbiologist
- Medical Technologist
- Brewing Technologist

## ZOOLOGY / MARINE & AQUATIC SCIENCES

### National/State Parks, Animal Preserves, Zoos, Gov't., Museums, Universities

- Wildlife Resource Worker
- Animal Technician
- Volunteer Coordinator
- Animal Trainer
- Veterinary Assistant
- Game Warden
- Lab Technician
- Aquarium Worker
- Tour Guide/Educator
- Kennel/Shelter Manager
- Animal Control Officer
- Park Ranger
- Fish Hatchery Technician
- Animal Education Specialist
- Veterinary Technician
- Fish/Wildlife Technician

## ENVIRONMENTAL SCIENCES

### National/State Parks, Gov't., Universities, Environmental Non-Profits

- State Parks & Rec Worker
- Park/Forest Ranger
- Tour Guide/Educator
- Environmental Inspector
- Conservation Officer
- Volunteer Coordinator
- Recreation Planner
- Energy Conservation Tech.
- Pollution Control Technician
- Excursion Guide
- Nature Interpreter
- Natural Resource Manager
- Landscape Consultant
- Environmental Technician

## EDUCATION

- Public Health Educator
- Peace Corps Volunteer
- Environmental Educator
- H.S. Science Teacher

## MARKETING / SALES

- Vet Supplies
- Safety Equipment
- Pest Control Service

- Horticultural/Nursery Products
- Pharmaceutical Products
- Pet/Farm Animal Food/Supplies
- Marketing Research Analyst
- Dental/Medical Supplies
- Lab Equipment
- Medical Equipment
- Technical Service Rep.
- Surgical Appliances
- Marine Products/Equipment
- Customer Service Rep.

## HUMAN RESOURCES

- Technical Recruiter
- Technical Trainer
- Human Resources Personnel

## NON-PROFITS - RESEARCH / POLICY

### Policy Organizations (Issue-Oriented / Non-Profit / National Associations)

- Community/Field Organizer
- Membership Coordinator
- Meetings Coordinator
- Project Manager
- Program Developer
- Lobbyist
- Fundraiser
- Political Organizer

### Research Organizations (Issue-Oriented / Non-Profit / National Associations)

- Project Assistant
- Research Associate

## HEALTH

### Hospitals, Insurers, Non-Profits, Government

- Insurance Customer Service Rep.
- Medical Research Technician
- Physical Therapy Aide
- Hospital Public Relations Asst.
- Medical Admissions Staff
- Medical Lab Technician
- Biomedical Equipment Tech.
- Medical Technologist
- Patient Advocate
- Cytotechnologist
- Public Health Clinician
- Clinical Lab Specialist

## INSURANCE

- Claims Representative/Examiner
- Insurance Agent
- Underwriter

## PUBLISHING

- Book/Subscription Salesperson
- Science Reporter
- Assistant Editor
- Technical Writer
- Promotions Assistant
- Writer - Trade Publication

### 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 biological sciences 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 services opportunities) *and*
- (2) **supplement your biological sciences 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 Biological Sciences degree:

- 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 (MP 212):

- *Great Jobs for Biology Majors*
- *Peterson's Job Opportunities in Health and Science*
- *Guide to Careers in the Health Professions*
- *Vault Career Guide to Biotech*
- *Vault Career Guide to Physical Therapy*
- *Vault Guide to the Top Pharmaceuticals and Biotech Employers*
- *Vault Insider's Guide to Medical School Admissions*
- *Vault Guide to Pharmaceutical Sales and Marketing*
- *Career Opportunities in Science*
- *Career Opportunities in Health Care*
- *Careers for Scientific Types*
- *Vault Guide to the Top Health Care Employers*

### Professional Associations:

- **American Institute of Biological Sciences** (<http://www.reston.com/aibs/aibs.html>)
- **American Society for Microbiology** (<http://www.asm.org/>)