

What Can I Do With a Major in...

# Biology?

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You've decided on a future in biology, but do you realize just how many choices you have for that future? You might find yourself in research, in health care, in environmental management, or in education. You might specialize in biotechnology, microbiology, genetics, forensic science, biochemistry, anatomy, epidemiology, ecology or molecular biology. Or perhaps your path will lead to a nontraditional career in policy, law, management, marketing, or writing.

## **Skills/Competencies Associated with Biology Majors:**

- \*Spirit for scientific inquiry, curiosity and creativity
- \*Likes challenges, questioning, analyzing, problem solving, and intellectual growth
- \*Proficiency in reading, for accurate details and memorizing
  - \*Make critical observations and decisions
  - \*Organize and maintain accurate records
- \*Conduct and clearly explain scientific research
  - \*Operate scientific equipment
  - \*Desire for preciseness
  - \*Desire to help humankind

## **Related Occupations:**

Environmental Engineer	Bio-Engineer	College Professor
Pharmacy Technician	Medical Librarian	Museum/Aquarium
Animal Scientist	Science Writer/Illustrator/Film	Administrator
Environmental Health	Bio-Technologist	Test and Inspection Technician
Specialist	Medical Technologist	Industrial Hygienist
Marine Fisheries Worker	Seafood Processor-Researcher	Mycologist
Physical Therapist	Biochemist	Toxicologist
Aquaculture Farmer	Forester	Coastal Resources Worker
Environmental Protection	Merchant Marine	Naval Architect
Worker	Biometrician	Underwater Technician
Marine Geologist/Geophysicist/	Genetic Engineering	Commercial Fishing Engineer
Physicist	Researcher	Limnological Technician
Physician/Physician Assistant	Meteorologist	Veterinarian
Aquaculturist	Geographer	Commercial Inland Water
Ergonomist	Microbiologist	Transportation Worker
Aquarium & Museum Worker	Botanist	Neurobiologist
Marine Tourist Worker	Health Officer	Water Quality Technician
Public Health Worker	Mining & Petroleum Industry	Coroner
Aquarium Technician	Worker	Dentist
Market Research Analyst	State Parks & Recreation	Marine
Salt Marsh Manager	Worker	Bacteriologist/Biologists
Aquatic Biologist	Brewery Laboratory Assistant	Wildlife Biologist
Fisheries Conservationist	Horticulturist	Dietitian & Nutritionist
Medical Illustrator	Molecular Biologist	Wildlife Resources Worker
Science Laboratory Technician	Hospital Administrator	Ecologist
Barrier Beach Manager	Hydrographic Survey	Pharmaceutical Salesperson
Science Teacher	Technician	Zoologist

\*This is only a partial list and not meant to limit you. Come to Career Services to explore your options further.

### Strategies:

- \*Enhance research laboratory skills
- \*Participate in environmental groups (i.e. Sierra Group)
- \*Obtain an internship in field
- \*Work for biology professor in research laboratory
- \*Work in nursery or greenhouse
- \*Volunteer at a zoo
- \*Read scientific magazines/journals
- \*Enhance computer skills

### Resources for Biology Majors:

American Institute of Biological Sciences  
<http://www.aibs.org>

American Assoc. for the Advancement of Science  
<http://www.aaas.org>

The College Central Network  
[www.collegecentral.com/gmc](http://www.collegecentral.com/gmc)

New Scientist  
<http://www.newscientist.com>

O\*NET OnLine  
<http://online.onetcenter.org>

MedZilla  
<http://www.medzilla.com>

Occupational Outlook Handbook  
<http://www.bls.gov/oco>

BioView  
<http://www.bioview.co.il/htmls/article.aspx?C2004=12529>

ScienceJobs  
<http://www.sciencejobs.com>

Environmental Careers World Job Bank  
<http://www.environmental-jobs.com>

Virology  
<http://www.virology.net/Articles/jobs.html>

Biotechnology Industry Organization  
<http://www.bio.org>

Pharmaceutical Careers  
<http://www.pharmaceuticalcareers.com>

Health Care Recruitment  
<http://healthcarerecruitment.com>

Biology Job Resources  
[www.biologyjobs.com](http://www.biologyjobs.com)

Biology Careers Page  
<http://www.furman.edu/~jsnyder/careers/careers.html>

Science Careers  
<http://www.sciencecareers.org>

Society for Interactive and Comparative Biology  
[www.sicb.org/careers](http://www.sicb.org/careers)

Association of American Medical Colleges  
[www.aamc.org](http://www.aamc.org)

Health Careers  
[www.explorehealthcareers.org](http://www.explorehealthcareers.org)

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**Gwynedd-Mercy College**  
**Career Services**  
215-646-7300, ext: 230  
[careerservices@gmc.edu](mailto:careerservices@gmc.edu)  
[www.gmc.edu/students/careerservices](http://www.gmc.edu/students/careerservices)