

WHAT CAN I DO WITH A MAJOR IN... BIOLOGY

Possible Career Options

(some career areas require advanced education)

Agricultural Scientist
Agronomist
Anesthesiologist
Animal Research Technician
Aquarium Technician
Bacteriologist
Biochemist
Bioengineer
Biotechnologist
Botanist/Zoologist
Chemist
Dentist
Ecologist
Embryologist
Entomologist
Environmental Engineer
Environmental Health Specialist
EPA Inspector
Epidemiologist
Ergonomist
Forensic Serologist
Forest Supervisor
Genetic Engineer
Horticulture Scientist
Marine Biologist
Marine Mammal Trainer
Medical Illustrator
Medical Researcher
Medical Technologist
Microbiologist
Molecular Biologist
Oceanographer
Pharmacist
Pharmacologist
Physical Therapist
Physician
Physiologist
Psychiatrist
Radiologic Technologist
Radiologist
Research
Soil Conservationist
Toxicologist
Veterinarian
Wildlife Biologist
Zoologist

Leadership/Management Skills

- Applying data
- Analyzing
- Identifying the critical issues and making decisions quickly and accurately
- Analyzing the behavior of self and others in a group
- Operating scientific equipment
- Possessing proficiency for accurate details
- Organizing and maintaining accurate records

Communication/Writing Skills

- Writing factual material clearly and concisely
- Writing effectively describing objects or events with a minimum of factual errors
- Listening objectively
- Summarizing
- Oral and poster presentations

Research and Analytical Skills

- Sorting data and objects
- Organizing and classifying
- Evaluating information against appropriate standards
- Perceiving and defining cause and effect relationships
- Applying appropriate methods to test the validity of data
- Trouble shooting sources of error in consistency

Artistic/Creative Skills

- Aware of the value of symbolism
- Designing and or using audio-visual aids
- Designing methods to solve problems

Additional Skills

- Using computers
- Doing detailed and accurate work
- Measurement instrumentation
- Working on groups; task sharing

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Web Resources

Online Career Resources

After College

www.aftercollege.com

Occupational Outlook Handbook

www.bls.gov

Internship Online Resources

Non-local Internships

www.internships.com

Idealist and Action Without Borders

www.idealists.org

Local Internships

<http://jobstop.hope.edu>

Employment Opportunity Online Resources

Agriculture Information

www.agriculture2b.com

Biospace

www.biospace.com

Biology Jobs

www.biologyjobs.com

Science Careers

www.sciencecareers.org

Science Jobs

www.sciencejobs.com

More resource links are available
at the Career Development Center website:

www.hope.edu/student/career

Professional Associations

American Association of Cancer Research

www.aacr.org

American Association of the Advancement of Science

www.aaas.org

American Institute of Biological Sciences

www.aibs.org

American Medical Association

www.ama-assn.org

American Society for Cell Biology

www.ascb.org

American Society for Microbiology

www.asm.org

American Society of Animal Science

www.asas.org

American Society of Plant Biologists

www.aspb.org

Botanical Society of America

www.botany.org

Ecology Society of America

www.esa.org

Genetics Society of America

www.genetics.gsa.org

National Institute of Health

www.nih.gov

National Science Foundation

www.nsf.gov

Society for Ecological Restoration International

www.ser.org

Society for Neuroscience

www.sfn.org

Society for Integrative and Comparative Biology

www.sicb.org

Society of Toxicology

www.toxicology.org

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Hope Graduates in the Biology World

Advanced Nurse Practitioner.....	Valley Medical Care
Algologist/Oyster Farmer.....	Marinetics, Inc.
Anesthesiologist.....	Anesthesia Medical Consultants
Assistant Laboratory Director.....	Athena Diagnostics, Inc.
Assistant Veterinary Technician.....	Michigan Turkey Producers
Assoc. Prof./Ecology Research Director.....	Miami University
Associate Innovation Scientist.....	Dow Corning
Associate Study Director, Pharmacokinetics.....	MPI Research
Asst. Prof. of Neurology.....	Northwestern Univ.
Asthma Epidemiologist.....	Michigan Dept. of Community Health
Athletic Trainer.....	Sport & Spine
Attending Physician.....	Massachusetts General Hospital
Biological Sales Specialist.....	Nikon Instruments
Biology Professor.....	Grand Valley State University
Biostatistician.....	University of Pittsburgh
Cardiologist.....	Metro Health Hospital
Chemistry Teacher.....	Holland Public Schools
Chiropractor.....	Dalton Chiropractic Office
Clinical Dietitian.....	Aramark
Community Health Worker.....	Spectrum Health
Dentist.....	U.S. Navy
Deputy Coroner - Forensic Pathologist.....	Hamilton County Coroner's Office
Doctor.....	U of M Hospital
Ecologist.....	Golder Associates
Environmental Scientist.....	Herst & Associates, Inc.
Family Physician.....	Norton Family Practice, PC
Fishery Biologist.....	Michigan Dept. Natural Resources
Gastroenterology and Hepatology.....	Mayo Clinic
Geriatric Physician.....	Beaumont Hospital
Home Horticulturalist.....	State of Michigan
Internal Medicine Physician.....	Lakeshore Health Partners
MD/GYN.....	Geisinger Health System
Medical Technologist.....	Florida Hospital