

# What Can I Do With This **Ohio State** Major?

Bachelor of Arts or Bachelor of Science

## Biology

College of Arts and Sciences

The biology major is designed to expose students to a broad base of biological knowledge, to provide depth of experience in advanced topics, and to develop competence in scientific disciplines that are supportive of the life sciences (mathematics, physics, and chemistry). The biology major is a stepping stone from which students may go into research, various health professions, teaching, business, or service in government or independent agencies. It also provides a good background for graduate study and is readily adaptable to meeting professional school requirements (medicine, dentistry, pharmacy, veterinary medicine, allied medicine, optometry, etc.), while also allowing freedom to take courses that satisfy secondary interests or alternative goals.<sup>1</sup>

### Career Areas/Job Titles:

#### Management and Industry

Healthcare Administrator  
Pharmaceutical Sales  
Representative  
Quality Control Specialist  
Laboratory Technician

#### Communication and Media

Grant Writer  
Technical Writer  
Science Reporter

#### Health Professions

Medical Doctor

Veterinarian  
Dentist  
Optometrist  
Physical Therapist  
Physician's Assistant  
Podiatrist  
Pharmacist  
Genetic Counselor

#### Science and Technology

Research Scientist  
Forensic Scientist  
Epidemiologist

Environmental Scientist  
Marine biologist  
Zoologist

#### Education

Professor  
K-12 Science Teacher  
Science Museum Curator

#### Government/Politics

City/Community Health Official  
Intellectual Property Lawyer

*\*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

### Transferable Skills:

Basic Computer Skills  
Biology Focus  
Chemistry Focus  
Mathematic Skills  
Physics Foundation  
Provide/Respond to Feedback  
Speaking Effectively  
Use Technology Effectively  
Written Communication

Teaching/Instructing Others  
Teamwork  
Developing Evaluation  
Strategies  
Identifying Problems  
Research Skills  
Setting Goals  
Attention to Detail  
Judgment & Decision Making

Managing Time/Stress  
Administrative Skills  
Organization Skills  
Prioritizing Tasks  
Quantitative Reasoning  
Data Analysis  
Analytical/Critical Thinking  
Laboratory Skills

*\*This is not an extensive list of transferable skills. See larger list of skills you might develop here:*

<http://ccss.osu.edu>

### Professional Links:

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

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

American Society of Human Genetics: <http://www.ashg.org/education/careers.shtml>