

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

Bachelor of Arts or Bachelor of Science

Microbiology

College of Arts and Sciences

As a microbiology major, students will learn how microbial genes, proteins, and processes are being exploited in the exciting field of biotechnology to help cure diseases, generate alternative fuels, produce new antibiotics, and recover valuable metals from ores. You can choose to do laboratory research as part of your undergraduate curriculum and participate in the daily operations of a laboratory conducting research at the forefront of these and other areas of microbiology and immunology. With a degree in microbiology, you will be well prepared to undertake graduate study in any of the life sciences or to pursue a professional degree in medicine, veterinary medicine, or dentistry. You will be ideally suited for employment in biotechnology, pharmaceuticals, medical and forensic sciences, biological research institutes, hospital laboratories, hospital supply companies, or the food industry¹

Career Areas/Job Titles:

Management and Industry

Healthcare Administrator
Scientific/Technical Recruiter
Pharmaceutical Sales Rep
Quality Control Specialist

Communication and Media

Grant Writer
Technical Writer
Journalist

Health Professions

Medical Doctor
Chiropractor
Physical Therapist
Medical Lab Technician

Science and Technology

Microbiologist
Research Scientist
Biochemist

Geneticist

Zoologist

Education

Professor
K-12 Teacher

Government/Politics

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

Human Anatomy Knowledge

Mathematic Skills

Physics Foundation

Provide/Respond to Feedback

Speaking Effectively

Use Technology Effectively

Written Communication

Social Perceptiveness

Teaching/Instructing Others

Teamwork

Developing Evaluation

Strategies

Identifying Problems

Research Skills

Setting Goals

Attention to Detail

Judgment & Decision Making

Initiative

Managing Time/Stress

Administrative Skills

Organization Skills

Prioritizing Tasks

Strategic Planning/Visioning

Quantitative Reasoning

Data Analysis

Analytical/Critical Thinking

**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 Society for Microbiology: <http://www.asm.org/>

Society for General Microbiology: <http://www.socgenmicrobiol.org.uk/>

American Medical Association: <http://www.ama-assn.org/>