

What you can do with your **MICROBIOLOGY MAJOR**



Microbiology Major Skills:



Critical Thinking

You learn to examine disparate information and analyze connections to address problems in microbiology, identify trade-offs of alternate outcomes, and use microbiology to develop solutions.



Data Analysis

You can collect, code, and analyze quantitative data, utilizing appropriate tools including bioinformatics, predict outcomes, interpret results of data gathering, and present data.



Research & Scientific Writing

You define a research question, design and carry out methods to answer that research question, and report findings, writing in a publishable style.



Ethical Thinking

You learn to look beyond the science to understand the importance of ethical standards in research and its impact on society, understand conflict of interest, ensure research is done safely and scientific knowledge is reliably presented and disseminated appropriately.



Digital Literacy

You learn to leverage existing digital technologies ethically and efficiently to solve problems, complete tasks, and accomplish goals, utilize a variety of data analysis and simulation, database, and graphics softwares.



Teamwork

You work collaboratively with others to achieve common goals, negotiate and manage conflict.

Supplement Your Skills With:



Experience Fostering Professional Equity & Inclusion



Leadership & Mentoring



Gain Experience: Modern Research Methods Taught in Class, Research Labs, Internships & Part-Time Work



Written & Oral Communication



Career & Self Development

Chart Your Path Forward

Activate Your Handshake Account

for connections to jobs, internships, employer & alumni networking.

Explore Career Communities

to discover a wide variety of fields where you can turn your major into success.

Get Career & Internship Advising

from SuccessWorks to make a plan, whether you're a first-year student or about to graduate.

Get Started: successworks.wisc.edu

Put your Microbiology major to **WORK**

Frequent Alumni Job Titles:

1. Scientist/Research Scientist
2. Microbiologist
3. Research Associate
4. Quality Assurance/Systems Manager
5. Registered Nurse
6. Physician
7. Project Manager
8. Consultant
9. Pharmacy Technician
10. Veterinarian
11. Vice President/Director of Sales

Common Employers of Alumni:

- 3M
- Abbvie
- Amgen
- Aurora Healthcare
- Catalent Pharma Solutions
- Covance
- Deloitte
- DSM
- Epic
- Exact Sciences
- Fairview Health Services
- Froedtert Health
- GE Healthcare
- General Mills
- Great Lakes Bioenergy Research Center
- Kerry
- Medical College of Wisconsin
- PPD
- Promega Corporation
- Takeda



Recent Grads' Career Plans:

- 51%** Continuing Education or Grad School
- 47%** Employment
- 4%** Volunteering or Service Programs

Recent Grads' Employment Industries:

- Life Sciences
- Education
- Healthcare
- Food Production
- Research
- Government
- Manufacturing
- Consumer Goods
- Hospitality
- Information Technology

Where Alumni Live & Work:



"My Microbiology major helped jumpstart my career in food safety. I am now in a leadership role at an international food testing company ensuring food products and production environments are free from microbial pathogens."

Tom Donohue, 2002
 Director of Operations, Deibel Laboratories
 Madison, WI



"The hands-on experience in my lab courses coupled with the mentorship from my professors during my time as a Microbiology major have been instrumental to my success post graduation."

Maikayeng Vang-Smith, 2019
 Research Associate, Nature's Fynd
 Chicago, IL

Career Communities for Microbiology Majors

SuccessWorks has eight Career Communities to connect you with career advising, resources and programs. Here are a few suggestions on where Microbiology majors can start.

- Scientific Research & Development
- Healthcare & Human Services
- Environment, Natural Resources & Wildlife
- Non-Profit Management & Education

Not inspired by these options? Visit SuccessWorks to explore more widely.

successworks.wisc.edu