

**What can I do with a major in
“Microbiology”?**
The University of Georgia Career Center
Clark Howell Hall, 706-542-3375, www.career.uga.edu
Department of Microbiology, 706-542-1434, <http://mib.uga.edu/>



This information describes typical occupations and employment settings associated with this major. Understand some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.

Description of Microbiology

Biology encompasses the study of all living organisms, including microbes, plants, and animals. The study of biology includes various aspects of life, including basic organization (molecular, cellular, tissues, organs), how organisms function, their roles in the natural environment, how hereditary information is transferred, and development of biotechnology. Biology graduates are broadly trained and well prepared for admission into strong graduate programs in the biological sciences and professional schools (medical, dental, and veterinary). They may also directly assume positions in government, education, industry, or certain technical fields.

Research Careers

O*NET <http://online.onetcenter.org> (Click on Find Occupations)
Georgia Career Information Center <http://www.gcic.peachnet.edu> (Accessible only on campus computers)
Occupational Outlook Handbook <http://www.bls.gov/oco> (Type in general term for career of interest)
Alberta Occupational Profiles www.alis.gov.ab.ca/occinfo/frameset.asp (Click on Occupational Title Search)
*Please visit the Career Center Library or your Career Consultant for more information or assistance.

Possible Job Titles of Microbiology Graduates

(*Jobs secured as reported by UGA Career Center post-graduate survey)

Analytical Chemist	Laboratory Supervisor	Nuclear Medicine Specialist
Health Program Administrator	Crime Lab Analyst	Nurse Anesthetist Optometrist or
Bacteriologist	Medical Equipment Sales Rep.	Ophthalmologist
Hemotherapist	Medical Investigator	Parasitologist
Biochemist	Cytotechnologist	Pharmaceutical Sales Rep.
Histologist	Field Study Coordinator	Phlebotomist
Infectious Disease Specialist	Medical or Science Librarian	Physician Asst.
Clinical Pathologist	Forensic Scientist	Public Health Specialist
Clinical Research Coordinator	Medical or Science Writer	Research Immunologist
Lab Tech Assistant	Food and Drug Inspector	Surgeon - Surgical Nurse
Conservation/Environmental Scientist	Microbiologist	Toxicologist

Possible Employers of Microbiology Graduates

(*Jobs secured as reported by UGA Career Center post-graduate survey)

Animal Hospitals	Hematology/Oncology of NE GA	Merck
Emory University Hospital	Cryolife	Merieux Laboratories Inc.
BioLab	Joseph W Jones Ecological	National Institute of Health
EPA	Danakllon American Inc.Katholieke	Neural Signals, Inc.
Biotechnology Firms	Universiteit Leuven	New England Medical Center
Food and Drug Administration	Dept of Natural Resources	Ocean Aquariums
CDCGA Bureau of Investigation	Medical Laboratories	ORISE/CDC
Center of Limnology	Diagnostic testing companies	Pharmaceutical companies
GA State Department of Health	Meditech Media	Veterinary Specialists
Clinics/Hospitals		Vashaw Scientific Inc.

Career Center Library Resources

Dictionary of Occupational Titles, 4th edition
Careers for Environ Typer-Others Who Respect the Earth
Careers for Plant Lovers and Other Green Thumb Types
VGM's Careers Encyclopedia 4th Edition
Careers for Sci Types and Others w/ Inquiring Minds
Encyclopedia of Careers and Vocational Guidance
The WetFeet Guide to Ind & Careers for Undergrads
Monster Careers: How to Land the Job of Your Life
Occupational Outlook Handbook
The Ultimate Guide to Getting the Career You Want
The Vault College Career Bible
Encyclopedia of Associations, Volume 1-Part 2
Atlanta Business Chronicle Book of Lists
Computer and Web Resources for People with Disabilities
Job Search Handbook for People with Disabilities
Job Hunting for People Who Have Disabilities
Careers in Focus: Education
Business Etiquette in Brief
On a Personal Note: A Guide to Writing Notes With Style
Federal Law Enforcements Careers

The Complete Guide for Getting Government Jobs
How to Get into the Right Dental School
How to Get Into the Right Nursing Program
Perfect Personal Statements
Graduate Programs in the Biological Sciences
Grad Progs in Phy Sci, Math, Ag Sci, Environ /Nat Res
Ultimate GRE Tool Kit
Peterson's MCAT Success
Exploring Health Care Careers
International Job Finder: Where the Jobs are Worldwide
Scoring a Great Internship
Interview for Success (7th Edition)
College Majors and Careers
Networking for Everyone
Rèsumé Magic
Real Resumes for Students
Peterson's Ultimate New Employee Survival Guide
Next Step: The Real World
Pathways to Career Success for Minorities

Campus Resources

Microbiology	Honors Interdisciplinary	Pre-Dent & Optometry	Pre-Med	Pre-Pharmacy
Dr. Tim Hoover trhoover@uga.edu (706) 542-2675	Dr. Brian Binder, Marine Science bbinder@.uga.edu (706)542-6408	Carol Roberts, M.S. robertsc@uga.edu (706)542-0444	Dr. Alan Langford alangfor@uga.edu (706)542-0444	Dianne Graham dgraham@uga.edu 706-542-9785

Pre-Nursing Club – Officer: Rosebeth Lo Presti, 678-670-4456, giselle6@uga.edu

Pre-Physician Assistant Club – Officer: Stefanie Hush, Advisor: Joey Freeman, ugaprepaclub@gmail.com

Pre-Veterinary Medicine Club - <http://pre-vet.uga.edu/>

Pre-Pharmacy Society - Officer: Zachery Childs, Advisor: Jennifer Patrick, pharmsoc@uga.edu **Beta Beta Beta is a**

National Biological Honor Society - <http://www.tri-beta.org/>

AED National Biological Honor Society – <http://www.uga.edu/aed/>

Employment Websites

Top USA Jobs.Com-Microbiology - <http://microbiology.jobs.topusajobs.com/>

American Institute of Biological Science - <http://www.aibs.org/careers/>

SCA – Internships; Gap Years (room/board/stipend) - <http://www.thesca.org/serve/internships>

Environmental Jobs & Careers - <http://www.ejobs.org/>

The Oceanography Society - http://www.tos.org/resources/job_annc.html

Institute of Bioinformatics - <http://www.ibioinformatics.org/careers.htm>

Genomics.Energy.Gov - http://www.ornl.gov/sci/techresources/Human_Genome/education/careers.shtml

Society of Integrative & Comparative Biology - <http://www.sicb.org/careers/index.php3>

Additional Resources

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