

Alfred University

McComsey Career Development Center

CAREERS IN...BIOLOGY

The Industry

Many students choose a biology major to prepare themselves for graduate study in medicine, dentistry, or other health-related professions. A biology major provides preparation for careers in teaching, research, health professions, government agencies, outdoor education, zoos and aquariums, the pharmaceutical industry, environmental science, and much more.

Sample Job Titles

- Pharmaceutical sales
- Animal technician
- Environmental educator
- Park naturalist
- Bioanalyst
- Public health administrator
- Research biologist
- Microbiologist
- Geneticist
- Respiratory therapist
- Radiological technician
- Physician
- Soil scientist
- Pollution control chemist
- Biomedical engineer
- Nurse practitioner
- Physical therapist
- Taxonomist
- Physician assistant
- Paramedic
- Medical lab technician
- Forensic scientist
- Botanist
- Ecologist
- Water resource specialist
- Scientific illustrator
- Medical photographer
- Urban planner
- Optometrist
- Park ranger
- Forester
- Museum technician
- Nutritionist/Dietitian
- Food and drug inspector
- Flavor analyst
- Plant pathologist
- Dentist
- Florist
- Dental assistant
- Dental hygienist
- Coroner

Our Grads...Where Are They Now?

Within the past few years, graduates have obtained employment as:

Anesthesiologists of Erie, Inc. – Anesthesiologist

AIDS Rochester, Inc. – Prevention Specialist

American Medical Laboratories – Medical Laboratory Trainee

Massachusetts Audubon Society – Program Instructor

Junior/Senior High School Biology Teacher – Greenwood Central School

Veterinarian Assistant/Technician – Rhinebeck Equine Animal Emergency Clinic

Research Lab Technician – University of Rochester

Veterinary Technician – Green Mountain Animal Hospital

Zookeeper – Ross Park Zoo

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Biological Technician – Center for Disease Control
Forensic Scientist – New York State Police Crime Laboratory
Research Technician – Cornell University
Coordinator – The New York Eye Bank
Science teacher – Addison Central School

...and have gone to graduate school at:

Rutgers University (Computational Molecular Biology)
University of Minnesota (Veterinary Science)
Bastyr University (Naturopathic Medicine)
Daemon College (Physician Assistant)
University of New Haven (Forensic Science)
Binghamton University (Vertebrate Ecology, Evolutionary Biology)
Case Western Reserve (Interdisciplinary Biomedical Sciences)
University of Pennsylvania (Veterinary Medicine)
University of Buffalo (Biomedical Materials Engineering, Law)
Emory University – Rollins School of Public Health (Public Health – Epidemiology)
University of Pittsburgh (Biomedical Science)
Binghamton University (Psychology)
Wesleyan University (Molecular Biology)
Cornell University (Veterinary Medicine)
American University of the Caribbean (Medicine)

Alumni who graduated several years ago are currently employed as:

Asst. Professor of Pediatrics – Dartmouth University
President/CEO – Bioqual, Inc.
Manager of Product Development – Trinity Biotech, Inc.
General & Vascular Surgeon – A. F. Peters MD Medical Corp.
Research Scientist – Amgen, Incorporated
Optometrist – Contact Lens & Vision Consultants
Assistant Sanctuary Manager – National Audubon Society
Associate Professor – University Of Pittsburgh

Get Experience on Campus

Build your resume on campus in activities or organizations related to your area of interest. Some campus organizations, clubs, or offices through which you can gain relevant experience include:

- Join the Biology Club, The AU Sci-Fi Club, American Chemical Society, and more
- Get involved in undergraduate research with a faculty member
- Apply for an ARGUS grant (Alfred Research Grant for Undergraduate Students)
- Volunteer at the Red Cross Blood Drives
- Apply to be a lab or teaching assistant

Where to go from here?

- Individual career counseling for anything from choosing a major to getting a job
- Saxon JobLink web services (www.alfred.edu/cdc) to view jobs and internships, post a resume and more
- Saxon Career Volunteer network – speak to alumni in your career field
- Choices CT computerized program for searching graduate schools
- Web resources: www.sciencejobs.com; www.biojobs.com

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