

Alfred University

McComsey Career Development Center

CAREERS IN... CHEMISTRY

The Industry

Study in professional schools such as medicine, dentistry, veterinary medicine, law or library science, not to mention chemistry. Most chemists are employed in industry, academia and the government. Chemists are needed for consulting businesses, research, health care and hospital settings, laboratories, biotechnology, and in all kinds of high-tech areas. Nationally, about half of all bachelor's degree chemistry majors go on to some type of graduate school in the sciences, medicine, dentistry, veterinary medicine, law, or education.

Sample Job Titles

- Laboratory technician
- Quality control specialist
- Flavor analyst
- Pharmacologist
- Research chemist
- Safety engineer
- Soil and water analyst
- Industrial health engineer
- Geochemist
- Biochemist
- Chemical engineer
- Magnetochemist
- Pharmaceutical sales representative
- Art conservation specialist
- Health administrator
- Nutritionist
- Environmental consultant
- Patent attorney
- Instrumentation specialist
- Chemical plant supervisor
- Chemical technologist
- Fiber analyst
- Biomedical engineer
- Technical writer
- Medical illustrator
- Pollution control chemist
- Chemistry teacher

Our Graduates – Where Are They Now?

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

Chemical Technician – General Electric Global Research
Chemist – Clean Harbors Environmental Services
Chemistry Teacher – Brookville Area School District
Field Technician – Beverage Marketing Technologies, Inc.
Resident Assistant and Instructor – Maine School of Science and Math
Toxicologist – New York Hospital/Cornell Medical Center

...and have attended graduate school at:

Alfred University (Materials Science and Engineering)
Baylor University (Chemistry)
Buffalo State College (Education)
Columbia Dental School (Dentistry)
Indiana University (Law)
Johns Hopkins University (Mathematics)

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New York College of Osteopathic Medicine (Medicine)
University of Buffalo (Dentistry)
University of New Hampshire (Atmospheric Chemistry)
University of Rochester (Medicine)
University of Vermont (Chemistry)
University of Virginia at Charlottesville (Chemistry)
Virginia Tech (Agricultural Economics)

Alumni who graduated several years ago are currently employed as...

Crime Lab Director – Alaska Academy of Forensic Science
Research and Development Chemist – Supelco, Inc.
Staff Anesthesiologist – Anesthesiologists of Erie, Inc.
Pulmonary Physician – Morgantown Pulmonary Associates
Polymer Chemist and Supervisor – STS Biopolymers
Laboratory Manager – Eastman Kodak
Professor and Chair of Pathology – University of Illinois College of Medicine

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 American Chemical Society, Biology Club, The AU Sci-Fi Club, and other related organizations
- 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: we recommend the **American Chemical Society's** site at www.chemcenter.org or **The Chemistry Society** network at www.chemsoc.org.