What can I do with a major in Chemistry

The information below describes typical occupations and employers associated with this major. Understand that some of the options listed below may require additional training. Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Chemistry

The Department of Chemistry in the School of Sciences offers a four year program leading to a Bachelor of Science Degree in Chemistry. You can use the degree as preparation for a career in chemistry or biochemistry research, as a pre-med degree, as a pre-pharmacy degree, and as a pre-forensic chemistry degree. Paradigms have been developed for all of these.

The department also offers a four year program leading to a Bachelor of Science Degree in Biochemistry. This degree is designed to provide you with very strong preparation for both the workplace and professional schools, including pharmacy school or medical school. The program helps you develop a wide range of laboratory skills that are needed in today’s biomedical laboratories, whether they are found in industry or academia. A paradigm has been developed for this major.

CBU has two labs for the Principles of Chemistry sequence, an Analytical Chemistry Lab, a Biochemistry lab, an Engineering Chemistry lab, an Inorganic Chemistry Lab, an Instrument Lab, an Organic Chemistry lab that contains 18 hoods (one for each student in the lab), and a Physical Chemistry Lab. As a chemistry major at CBU you have an opportunity to participate in the activities of the chapter of Student Members of the American Chemical Society.

Possible Job Titles of Chemistry Graduates (Includes Full-Time, Internships & Co-Ops)
(*Jobs secured as reported by CBU Career Services post-graduate survey)

Agricultural Scientist  Forensic Scientist  Physician*
Associate Research Scientist  Geochemist  Polymer Chemist
Biochemist  Industrial Chemist  Quality Control Chemist*
Cereal Chemist  Inorganic Chemist  Research Analyst*
Chemical Manufacturer  Lab Assistant*  Research Chemist
Chemist  Lab Technician*  Research Engineer
College/University Professor  Medical Doctor*  Research Technologist*
Consultant  Optometry*  Sales Associate
Dentistry*  Organic Chemist  Teacher*
Editorial Assistant*  PD Technician*  Technical Sales Person
Environmental Chemist  Pfizer Central Researcher  Technical Writer
Environmental Consultant  Pharmaceutical Sales Rep  Textile Chemist
FDA Inspector  Pharmacist  Toxicologist
Food Chemist  Pharmacy Technician  Water Chemist
Possible Employers and Employment Settings for Chemistry Graduates (Includes Full-Time, Internships & Co-Ops)
(*Jobs secured as reported by CBU Career Services post-graduate survey)

A & L Analytical Lab*  
Buckeye Technologies*  
Buckman Laboratories*  
Cerner  
Chemical Industry  
Chemical Manufacturers*  
Colleges/Universities*  
Commercial Appeal*  
Consulting Firms  
Cosmetics Industry  
Defense Industry  
Drug Industry*  
Drug Stores  
Educational Institutions  
Electronics Industry  
Engineering Firms  
Environmental Protection Agency  
Federal, State and Local Government  
Food Processors  
Glass Industry  
Health Care Facilities/Hospitals*  
Hickson Corporation  
Icon  
Industrial Production & Inspection  
Industry Glass  
Laboratories*  
Manufacturing Firms  
McKesson  
Medical Supply Companies  
Merial  
NAVSEA  
Non-Profit Organizations  
Packaging Industry  
Paint Industry  
Partnership for Prevention*  
Peace Corps*  
Petroleum Industry  
Pharmaceutical Companies*  
Phillip Morris Corporation  
Production Facilities  
Pyrol Industries*  
Rockland React-Rite  
Savannah Laboratories  
Scientific Journals  
Shire Laboratories*  
Siemens  
Springborn Testing & Research  
St. Jude Children’s Research Hospital*  
Swiss Center for Science & Research  
Teach for America*  
Technical Consulting Firms  
Testing Labs  
Textiles Industries  
Tyson Foods

Skill Sets and Interests Associated with Chemistry Majors

Maintain accuracy while applying knowledge creatively  
Perceiving patterns/structures  
Reviewing relevant data  
Attitude conducive to precision and accuracy  
Organizing and reporting data

Top Career Services Resources for Chemistry Majors

Career Resources Library (Buckman 207)  
CareerLinX: https://cbu-csm.symplicity.com/students/  
Memphis Business Journal, Book Of Lists  
Great Jobs for Chemistry Majors by Mark Rowh  
Careers with the Pharmaceutical Industry edited by Peter D. Stonier  
Opportunities in Forensic Science Careers by Blythe Camenson  
Peterson’s Job Opportunities: Health and Science  
The Yale Guide to Careers in Medicine & the Health Professions

Sign up for a free account and find out what careers you might be a fit for using:

TypeFocus: www.typefocus.com  (Access Code: CBU8998)  
SIGI 3: www.tinyurl.com/cbusigi

CBU Campus Contacts Associated with Chemistry

Dr. Johnny Holmes – Dean, School Of Sciences  
(901) 321-3449 - jholmes@cbu.edu  
Dr. Dennis L. Merat - Chair, Associate Professor  
(901) 321-4201 - dmerat@cbu.edu

Additional Resources/Contacts for Chemistry Majors

ChemCenter: http://www.acs.org/portal/Chemistry  
ACS Publications: http://pubs.acs.org/about.html  
ChemWeb: http://www.chemweb.com/  
American Association for the Advancement of Science: http://www.aaas.org/  
American Chemical Society Job Bank: http://pubs.acs.org/plweb/indexp1.html