



# What can I do with a major in Chemistry

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

## **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.symphlicity.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](http://www.typefocus.com) (Access Code: CBU8998)  
SIGI 3: [www.tinyurl.com/cbusigi](http://www.tinyurl.com/cbusigi)

## **CBU Campus Contacts Associated with Chemistry**

Dr. Johnny Holmes – Dean, School Of Sciences  
(901) 321-3448 - [jholmes@cbu.edu](mailto:jholmes@cbu.edu)

Dr. Dennis L. Merat - Chair, Associate Professor  
(901) 321-4201 - [dmerat@cbu.edu](mailto: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/>  
BioMedNet: <http://www.bmn.com/>  
American Association for the Advancement of Science: <http://www.aaas.org/>  
American Chemical Society Job Bank: <http://pubs.acs.org/plweb/indexp1.html>