About the Major

The Bachelor of Science in Chemistry degree is an intensive and comprehensive undergraduate program as identified by the American Chemical Society Committee on Professional Training (ACS-CPT). This program includes introductory and foundational coursework in chemistry, in-depth coursework in chemistry, and a laboratory emphasis, including research experience that provides for the development of the professional skills needed to be an effective chemist.

A degree in chemistry provides a wide variety of career opportunities in areas as diverse as the chemical industry, petroleum industry, food industry, pharmaceuticals, mining, environmental analysis, and cosmetics, among many others. It is an excellent stepping stone for admission to graduate school in chemistry and related sciences, as well as professional schools.

Skills

Research
Problem Solving
Ability to Operate Scientific Equipment
Critical Thinking

Potential Career Opportunities

Agricultural and Food Scientist
Biotechnologist
Chemical Engineer
Chemical Technician
Environmental Chemist
Forensic Scientist
Geochemist
Healthcare Scientist
Materials Scientist
Medical/Pharmaceutical Researcher
Patent Law Attorney
Pharmaceutical Sales Representative
Physical Scientist
Research Assistant
Science Educator
Common Career Areas for this Major

Research & Development
Healthcare
Chemical Engineering
Biotechnology
Education
Medical Sciences
Environmental Analyses