

## **College of Sciences Career Guide**

### **Bachelor of Science in Chemistry**

#### **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