

SCHOOL OF ARTS AND SCIENCES

BACHELOR OF SCIENCE IN CHEMISTRY



DEPARTMENTAL DESCRIPTION

The Department of Chemistry, Physics, and Engineering offers a Bachelor of Science degree with majors in chemistry and physics and an Associate of Applied Science in Engineering. The department has highly qualified and caring faculty, small class sizes, well-equipped laboratories and classrooms, and a 24-station computer lab housed in the state-of-the-art Sciences Complex.

SCHOLARSHIPS

Through generous support of alumni and friends of the department, several scholarships are available to students majoring in chemistry and physics.

CAREER OPPORTUNITIES

Career opportunities for chemists include employment in the petroleum industry, the pharmaceutical industry, and other laboratory settings such as water treatment facilities, crime labs, and hospitals. The degree is also a good starting point toward the various medical professions. The employment outlook is bright, and salaries are competitive.

MAJOR DESCRIPTION

Cameron's Bachelor of Science degree in Chemistry is certified by the American Chemical Society (ACS). The chemistry major is a strong program that encompasses all areas of modern chemistry. Students can expect to take courses in general chemistry, organic chemistry, analytical and quantitative chemistry as well as in other areas of particular interest. The program prepares students for success in industry, graduate school, or professional study in various fields such as medicine and dentistry. Students will also be trained on a variety of instruments including the infrared spectrometer, nuclear magnetic resonance spectrometer, UV-vis spectrometer, mass spectrometer, single crystal x-ray diffractometer, gas chromatograph and many others.

CONCENTRATIONS

Students may choose to focus their studies in either biochemistry or physical chemistry by taking a two course sequence in one of these areas. Many students choose both.

THERE ARE THREE PROGRAM OPTIONS AS A CHEMISTRY MAJOR:

1

PROFESSIONAL CHEMISTRY

This program is for students interested in pursuing a career in chemistry and research. The course work is certified by the American Chemical Society.

2

HEALTH PROFESSIONALS

This program is for students interested in pursuing a career in the medical field, whether it be med school, dentistry, optometry, etc.

3

GENERAL CHEMISTRY

This program is a more basic version of the chemistry degree. It includes 40 hours of chemistry classes, and allows students to choose a minor in another discipline.

FOR MORE INFORMATION CONTACT:

Office of Admissions
580-581-2289
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WWW.CAMERON.EDU



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