

B.S. in Chemical Science

The Chemical Science degree is designed for students who plan programs in fields related to chemistry and who would benefit by a strong background in chemistry. Examples are the Pre-Medicine, Pre-Dental, and Pre-Veterinarian programs and areas such as Oceanography, Criminology, and Geology. In addition, Chemical Science can be a valuable major for those interested in business and law.

This degree is not intended as a chemical preparation for people who wish to do work directly in Chemistry at the B.S. level or who would like to go on for graduate work in Chemistry. Those attempting to use the Chemical Science degree in these circumstances would find themselves at a serious disadvantage.

Requirements for the B.S. in Chemical Science degree program

General Chemistry	CHM 1045 & 1045L; 1046 & 1046L or CHM 1050, 1050L; 1051, 1051L
Analytical Chemistry	CHM 3120 & 3120L; 4130 & 4130L
Organic Chemistry	CHM 2210; 2211, 2211L
Physical Chemistry	CHM 3400; or CHM 4410 and 4411
<i>Collateral courses:</i>	
MAC 2311	Calculus I
PHY 2053C, 2054C (trig-based); or PHY 2048C; 2049C (calculus-based)	Physics

No required course with a grade below C- can be applied toward any of the degree programs in the Chemistry Department.

Minor: Students majoring in Chemical Science must satisfy the requirements for a minor: 12 semester hours in an approved minor field or 15 semester hours in an interdepartmental minor approved by the Department of Chemistry (e.g. two semesters of calculus and two semesters of calculus based physics). Frequently, Chemical Science majors will complete a second major, which satisfies the minor requirement.

NOTE: You cannot double major in Chemical Science with Chemistry, Environmental Chemistry, or Biochemistry as the second major.

Electives: You should see an advisor in your intended career area to determine what additional chemistry and other science courses beyond these minimum requirements would be recommended.