

CHEMISTRY, B.S.

A Bachelor of Science with a major in chemistry from our department has a strong emphasis on courses in chemistry, physics and mathematics. The flexibility to take courses in the humanities, arts and other areas of interest allows students to make the degree truly their own. The B.S. with a major in chemistry is an ideal double major for a many complementary areas of study, such as the sciences, mathematics, computer programming, education and pre-health. Students gain a solid scientific foundation, written communication skills and understanding of advanced chemistry topics and application of computer programming within the field.

Learning Outcomes

1. Students will explain basic and advanced chemistry concepts and apply them in problem-solving.
2. Students will write effectively about chemistry concepts, principles, and processes.
3. Students will apply basic computer programming and information retrieval skills to questions and problems in chemistry.
4. Students will explain advanced chemistry topics and apply them in the chemical research process.