

CHEMISTRY, B.S.C

The Bachelor of Science in Chemistry degree is a program by the American Chemical Society that certifies graduating students who complete a bachelor's degree meeting the ACS guidelines. Graduates who attain a certified degree must complete requirements that exceed those of the general track for a major in chemistry, and this comprehensive undergraduate experience provides an excellent foundation for a career in the molecular sciences.

A certified degree signifies that a student has completed an integrated, rigorous program which includes introductory and foundational course work in chemistry and in-depth course work in chemistry or chemistry-related fields. This degree also emphasizes laboratory experience and the development of professional skills needed to be an effective chemist. Certification gives a student an identity as a chemist and helps in the transition from undergraduate studies to professional studies or employment.

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.