



Bachelor of Science (B.S.) in Chemistry

Ignite your future

Chemistry is the central science that encompasses the study of matter in all its forms. This branch of science describes the fundamental structures, composition and characteristics of atoms and molecules, which leads to an understanding of chemical reactivity. This chemical insight provides a broad foundation to apply to both the physical and biological sciences, opening up a variety of academic and professional pursuits. Studying chemistry requires a multidisciplinary approach that incorporates other areas of study such as biology, computer science, mathematics and physics. The diverse interests of chemists are reflected in the sub-disciplines of the field such as analytical, biological, inorganic, organic and physical chemistry.

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"It has been nothing but good as far as my education and the research. I have never been in need; I've never lacked anything. I've always had the advice and the resources at my fingertips. I couldn't ask for anything else."

—Matthew Goulart, B.S.,
Chemistry, 2022

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catalog here!*



Career Opportunities

- Chemical Engineering
- Education
- Environmental Protection
- Instrumentation
- Forensic Chemistry
- Pharmaceutical Chemistry
- Biomedical Chemistry
- Petroleum Industry
- Scientific Sales Representative
- Health Care

Faculty Research Areas

- Food-derived Polyphenols
- Plant Natural Products
- Characterization of Proteins and Enzymes
- Tetrapyrrole Synthesis
- Macrocyclic Compounds
- Bipolar Electrochemistry
- Functional Nanomaterials for Electrocatalysis
- Proteomics
- Chemical and Environmental Engineering
- Chemical Education
- Environmental Chemistry
- Heterocycle Synthesis

