

CHEMISTRY (BS)

Overview

This program provides students with a flexible, skill-focused education grounded in core principles of the chemical sciences. The program emphasizes the application of chemical knowledge, laboratory proficiency, critical thinking, and scientific communication to prepare students for diverse career pathways and further study. Students complete core chemistry coursework that integrates concepts across the chemical subdisciplines and includes hands-on laboratory experiences using modern techniques and instrumentation. In place of traditional concentration tracks, the program offers 18 credit hours of elective coursework, allowing students to individualize their degree through advanced chemistry courses, interdisciplinary electives, or coursework within established minors offered at Columbus State University. This structure supports students pursuing careers in chemistry, health and biomedical sciences, industry, education, business, or other fields where chemical literacy and problem-solving skills are essential. By emphasizing interdisciplinary connections, real-world applications, and adaptable skill development, the B.S. Chemistry program prepares graduates to succeed in a rapidly evolving scientific and professional landscape.