

Applied Chemical Sciences

ABOUT THIS PATHWAY

Develop foundational and advanced knowledge in chemistry and laboratory science. This pathway opens doors to careers in research, healthcare, and the chemical industry.

WHO IS THIS FOR?

- Students interested in lab science, healthcare, research, or chemical industries
- Students with strong aptitude in chemistry or physical science
- Those pursuing technical or scientific careers

POSSIBLE CAREER DIRECTIONS

- Laboratory Technician
- Chemical Research Support
- Quality Control
- Science-Based Careers

EXAMPLE PATHWAY COURSES

CHEM 100 Chemistry in Society

CHEM 105 Introductory Chemistry

CHEM 161 Chemistry I

CHEM 163 Chemistry Laboratory I

CHEM 215 Inorganic Chemistry Laboratory

CHEM 319 Analytical Chemistry Laboratory II

CHEM 341 Forensics Chemistry Laboratory

CHEM 400 Special Topics in Chemistry

CHEM 418 Advanced Organic Chemistry

CHEM 423 Biochemistry Laboratory I

IMPORTANT NOTE:

Courses listed are examples only. Students work with their academic advisor to build a fully customized degree plan that meets all graduation requirements.