ABOUT THIS PROGRAM
The mission of the chemistry department is to prepare students for professional careers in industrial chemistry, medicine, teaching, or graduate studies while bringing a Reformed Christian perspective to the science by affirming that all creation is the work of God and that each of us is a co-participant in the redemptive process. Students not only receive the foundation and training for a career but will also expand their understanding of the Creator, his creation, and our care for it. The program includes opportunities for research and independent study for upper-level students, whether in area laboratories or by means of on-campus research efforts.

The chemistry major is designed to prepare students for careers or further study in analytical, inorganic, organic or physical chemistry by examining God’s glory displayed through the fundamental building blocks of matter.

FOUNDATION COURSEWORK
- First Year Experience
  - FYF 101/111
- Theology
  - THEO 121
  - THEO 122
- Philosophy
  - PHIL 101
  - PHIL 102/110/111/HON 108
- History
  - HIST 103
  - HIST 104
- English
  - ENGL 103/HON 103
  - ENGL 104
- Natural Sciences
  - Biology—laboratory based biology course
- Social Sciences
  - One from ECON 121, PLSC 121, PSYCH 121, PSYC 123, SOC 121
- Fine Arts
  - One from 9 options
- Physical Wellness
  - PE 110/112
- Cross Cultural Studies
  - Two from 20 options

PROGRAM COURSEWORK
- Major Requirements
  - CHEM 103 Fundamentals of Chemistry I
  - CHEM 104 Fundamentals of Chemistry II
  - CHEM 202 Quantitative Analysis
  - CHEM 205 Organic Chemistry I
  - CHEM 206 Organic Chemistry II
  - CHEM 331 Physical Chemistry I
  - CHEM 395 Science Seminar
  - CHEM 400 Field Education
- One from CHEM 303, 305, 332, 333, or 340
- Required Cognates
  - MATH 111 Analytic Geometry and Calculus I
  - MATH 112 Analytic Geometry and Calculus II
  - PHYS 211 Calculus-Based General Physics I
  - PHYS 212 Calculus-Based General Physics II
- Minor Required

This plan includes Foundation and Major coursework. A minor is required and additional elective credits may be needed to reach the required 120 credit hours to earn degree.