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.

FOUNDATIONS 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
- Fine Arts
  - One from 9 options
- Physical Wellness:
  - One from: 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 393 Science Seminar
  - One chemistry elective with lab
  - SCI 380 Secondary Science Methods
  - BIOL 100 Introduction to Biological Science
  - GEOL 101 Earth Science
  - 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
- Required Cognates
  - COMM 101 Fundamentals of Public Speaking
  - PSYC 123 LifeSpan Development
- Education Minor
  - EDUC 203 Introduction to Education
  - EDUC 209 Technology in Education
  - EDUC 303 Educational Psychology
  - EDUC 311 Literacy in the Disciplines
  - EDUC 312 Middle Grades Literacy
  - EDUC 380 Methods for General Educators
  - EDUC 454 Student Teaching Seminar: Contemporary Issues
  - Student Teaching – EDUC 450, 455, 459
  - SPED 216 Introduction to Exceptional Children

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.

7/24/2018