ABOUT THIS PROGRAM
The focus of the biology department is to introduce students to the structural and functional complexity of living organisms and ecological systems. It seeks to bring a Reformed Christian perspective to its science in terms of the ultimate meaning of the biological world and the nature of science. This serves as a basis for addressing ethical issues intrinsic to modern biology, relating these ideas to perspectives that students develop in Foundations courses.

The biology education major is designed for students seeking the Illinois Professional Educator license with an endorsement in science: biology at the secondary (grades 9-12) level.

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
- Mathematics
  - One from MATH 103, 109, 110, 111, 141, 151
- Fine Arts
  - One from 9 options
- Physical Wellness:
  - One from: PE 110, 112
- Cross Cultural Studies
  - Two from 20 options

PROGRAM COURSEWORK
- Major Requirements
  - BIOL 110 Introduction to Biology
  - BIOL 111 A Survey of Plants and Animals
  - BIOL 201 Ecology
  - BIOL 204 General Microbiology
  - BIOL 303 Genetics
  - BIOL 306 Cell and Molecular Biology
  - BIOL 393 Science Seminar
  - SCI 380 Secondary Science Methods
  - One elective biology course at the 200-level or higher
- Required Cognates
  - CHEM 103 Fundamentals of Chemistry I
  - CHEM 104 Fundamentals of Chemistry II
  - CHEM 205 Organic Chemistry I
  - CHEM 206 Organic Chemistry II
  - GEOL 101 Earth Science
  - PHYS 121 General Physics I
  - PHYS 122 General Physics II
  - MATH 101 Precalculus or high school equivalent
  - COMM 101 Fundamentals of Public Speaking
  - PSYC 123 Life Span 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