Program: Environmental Science
Degree: Bachelor of Science

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 Bachelor of Science in environmental science is designed for students with a particular interest in the study of the environment and the impact of humans on that environment. Emphasis is placed on the importance of humans as stewards of God’s creation.

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
- 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
  - BIOL 102 Environmental Science
  - BIOL 110 Introduction to Biology
  - BIOL 111 Survey of Plants and Animals
  - BIOL 201 Ecology
  - BIOL 303 Genetics
  - BIOL 306 Cell and Molecular Biology
  - BIOL 314 Conservation Biology
  - BIOL 393 Science Seminar
  - BIOL 400 Field Education
  - CHEM 101 General Chemistry
  - CHEM102 Principles of Organic and Biochemistry
  - CHEM 333 Environmental Chemistry
  - GEOL 101 Earth Science
  - MATH 151 Statistics
  - Additional coursework. Three courses from one section, one from each of the other sections. Sections: Environmental Policy and Ethics Courses, Natural Resource Management Courses, and Organismal Biology Courses. All but one of these courses are offered off-campus through our relationships with Morton Arboretum, Shedd Aquarium, and AuSable Institute for Environmental Studies.

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