Natural Sciences Area
39 credits
Bachelor of Science

The Natural Sciences Area option allows students to meet their individual education needs by developing a major based on courses from several departments within the Natural Sciences Division.

The selection of courses should reflect a theme or program that is developed in consultation with an Academic Advisor.

Choose from three of the following subject areas: Biology, Chemistry, Computer Science, Information Science, Mathematics, Natural Science, Physics, Statistics.

Core Requirements 12 courses - 36 credits
To satisfy the requirements for a Natural Sciences Area major, students select one department in which they take five to six courses (15-18 credits) above the introductory courses for that department and three to four courses (8-12 credits) in two other departments for a minimum total of 36 credits. An example of a program of studies for a student who chose Chemistry as the major department and Biological Sciences and Mathematics as the minor departments is shown below.

Chemistry
CHEM 0250 Introductory Analytical Chemistry
CHEM 0260 Introductory Analytical Chemistry Laboratory
CHEM 0310 Organic Chemistry 1
CHEM 0320 Organic Chemistry 2
CHEM 0330 Organic Chemistry 1 Lab
CHEM 0340 Organic Chemistry 2 Lab
CHEM 1250 Instrumental Analysis
CHEM 1255 Instrumental Analysis Laboratory

Biological Sciences
BIOSC 0070 Foundations of Biology 1 Lab
BIOSC 0170 Foundations of Biology 1
BIOSC 0080 Foundations of Biology 2 Lab
BIOSC 0180 Foundations of Biology

Mathematics
MATH 0220 Analytic Geometry and Calculus 1
MATH 0230 Analytic Geometry and Calculus 2
MATH 0400 Discrete Mathematical Structures

Other
ENGCMP 0030 or equivalent

Additional Requirements 1 or 2 courses - 3 to 5 credits
After earning 90 credits, all Natural Sciences Area majors must take the research course(s) offered in their major area of concentration to fulfill the capstone course requirement.

Note: Courses used to fulfill general education competencies cannot be used for any of the three areas of the Natural Sciences Area major.