



University of  
Pittsburgh  
Greensburg

# Natural Sciences

## undergraduate program

### 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 Mathematics and Biological Sciences 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

#### Mathematics

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

#### 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

#### Other Required Course

ENGCOMP 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.*

*\*NATSC courses do not count to fulfill any of the departments within the major.*