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.

www.greensburg.pitt.edu

Fall 2021

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

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.

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