

- Minimum 15 of the last 30 credits earned at PennWest.
- Minimum of 17 major credits must be completed at PennWest or a State System (PASSHE) university.

General Education

Foundations: (10-13 Credits)

First Year Seminar (3 Credits)

- ☐ FYS 1000 Navigating the First Year at PennWest

Quantitative Reasoning (4 Credits)

- ☐ MATH 2410 Calculus I

Written Communication (3-6 Credits)

- ☐ ENGL 1100 Intro. to Comp. & ENGL 1200 College Comp.
☐ Or ENGL 1200 College Composition

Discoveries: (13-16 Credits)

Art and Humanities (3 Credits)

- ☐ _____

Social Sciences (3 Credits)

- ☐ SOC 1000 Introduction to Sociology

Natural Sciences and Technology (4 Credits)

- ☐ CHEM 1108 General Chemistry I

Flex Discoveries (If DSP into ENGL 1200) (3-6 Credits)

- ☐ _____

Program Requirements

Required Major Courses: (26 Credits)

- ☐ STAT 2020 Elements of Statistics
- ☐ PHYS 1500/1510 General Physics I Lecture and Laboratory
☐ Or PHYS 2500/2510 University Physics I Lecture and Laboratory
- ☐ CHEM 1128 General Chemistry II
- ☐ CHEM 2200 Organic Chemistry I
☐ And CHEM 2205 Organic Chemistry I Laboratory
- ☐ CHEM 2250 Organic Chemistry II
☐ And CHEM 2255 Organic Chemistry II Laboratory
- ☐ BIOL 1900 Introduction to Cellular and Molecular Biology
- ☐ ECON 2200 Principles of Macroeconomics
☐ Or ECON 2100 Principles of Microeconomics

Major Electives: (8 Credits) Select two courses:

- ☐ BIOL 2202 Genetics
- ☐ BIOL 3330 Cell Biology
- ☐ BIOL 4320 Molecular Biology

General Education Notes:

If Directed Self-Placement (DSP) includes ENGL 1100, the student will complete 4 courses in Foundations and 4 courses in Discoveries. If DSP into ENGL 1200, the student will complete 3 courses in Foundations and 5 courses in Discoveries.

Suggested Two Year Course Sequence

Year 1

Fall Semester

BIOL 1900 Introduction Cell and Molecular Biology
CHEM 1108 General Chemistry I
ENGL 1200 College Composition
FYS 1000 Navigating the First Year at PennWest
MATH 1410 Pre-calculus*

Spring Semester

Arts and Humanities
Biology Elective^
CHEM 1125 General Chemistry II
MATH 2410 Calculus I

Year 2

Fall Semester

Biology Elective^
CHEM 2200 Organic Chemistry I Lecture
And CHEM 2205 Organic Chemistry I Lab
ECON 2100 Principles of Microeconomics
Or ECON 2200 Principles of Macroeconomics
PHYS 1500 Physics I Lecture*
And PHYS 1510 Physics I Lab*

Spring Semester

CHEM 2250 Organic Chemistry II Lecture
And CHEM 2255 Organic Chemistry II Lab
Flex Discoveries^
SOCI 1000 Intro to Sociology
STAT 2020 Elements of Statistics

NOTE:

*Only take if MATH 2410 Calculus I pre-reqs are not met

*Alternate series: PHYS 2500/2510 University Physics I Lecture and Lab

^Select general education/elective courses through faculty advisement.