

General Education

Foundations: (13 Credits)

Oral Communication (3 Credits)

Written Communication (3 Credits)

ENGL 1200 College Composition

Quantitative Reasoning (4 Credits)

MATH 2410 Analytical Geometry and Calculus I

Technological Literacy (3 Credits)

Discoveries: (Credits 10)

Art/Humanities (3 Credits)

Social Sciences (3 Credits)

SOC 1000 Introduction to Sociology

Natural Sciences & Technology (4 Credits)

CHEM 1108 General Chemistry I

Program Elective: (3 Credits)

Competencies:

Applied Methodologies

CHEM 1128 General Chemistry II

Ethical Reasoning

Information Literacy

Writing Intensive

CHEM 2205 Organic Chemistry I Laboratory

Program Requirements

Required Major Courses: (26 Credits)

STAT 2020 Elements of Statistics

PHYS 1500/10 General Physics I or PHYS 2500/10 University Physics I

CHEM 1128 General Chemistry II

CHEM 2200 Organic Chemistry I

CHEM 2205 Organic Chemistry I Laboratory

CHEM 2250 Organic Chemistry II

CHEM 2255 Organic Chemistry II Laboratory

BIOL 1900 Intro to Cell and Molecular Biology

ECON 2200 Principles of Macroeconomics or ECON 2100 Principles of Microeconomics

Major Electives: (8 Credits)

Take 2 or more courses

BIOL 2202 Genetics

BIOL 3330 Cell Biology

BIOL 4320 Molecular Biology

Electives: (as needed to reach 60 credits)

Suggested Four Year Course Sequence

Year 1

Fall Semester

BIOL1900 Intro Cell & Molec Biology
CHEM1108 General Chemistry I
ENGL1200 College Composition
MATH1410 Pre-calculus*

Spring Semester

CHEM2200 Organic Chemistry I
CHEM2205 Organic Chemistry I Lab
PHYS1500/2500 Physics I
PHYS1510/2510 Physics I Lab
SOC1000 Intro to Sociology
BIOLXXXX Degree Electives

NOTE: *MATH1410 Pre-calculus is an elective course for students not prepared to take MATH2410 in semester 1. If a student is prepared for MATH2410, they can take that in semester 1.

Year 2

Fall Semester

CHEM1128 General Chemistry II
ECON2100 Princ of Microeconomics
~Or~ ECON2200 Princ of Macroeconomics
MATH2410 Analyt Geom & Calculus I
GenEd Foundation- Oral Communication
GenEd Foundation- Tech Literacy

Spring Semester

CHEM2250 Organic Chemistry II
CHEM2255 Organic Chemistry II Lab
STAT2020 Elements of Statistics
BIOLXXXX Degree Electives
GenEd Discoveries
GenEd Discoveries

