

Chemistry

Chemistry Math Concentration

STANTON CAMPUS

Fall 2021

The Chemistry, Math Concentration Option is equivalent to the first two years of a Baccalaureate program in Chemistry. Connected Degree agreements with the University of Delaware and Delaware State University create a seamless path between Delaware Tech and senior institutions.

Knowledge of chemistry is critical in areas such as biology, chemical engineering, dentistry, forensic science, materials science, medicine, and pharmacy.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
BIO 150 - Biology I	4	3	2
CHM 150 - Chemical Principles I	5	4	3
CIS 107 - Intro to Computers/Application	3	2	2
MAT 281 - Calculus I	4	4	1
ENG 101 - Composition I	3	3	0

Courses - Semester 2

	Credits	Lecture	Lab
CHM 151 - Chemical Principles II	5	4	3
ENG 102 - Composition II	3	3	0
SCI 130 - Introduction to Research	2	1	2
PSY 121 - General Psychology	3	3	0
(MAT 282 - Calculus II	4	4	1
OR ECO 111 - Macroeconomics	3	3	0
OR ECO 122 - Microeconomics)	3	3	0

Courses - Semester 3

	Credits	Lecture	Lab
CHM 240 - Organic Chemistry I	4	3	3
CHM 250 - Analytical Chemistry I	5	4	4
(PHY 281 - Physics I with Calculus	4	3	3
OR PHY 205 - General Physics I)	4	3	3
SOC 111 - Sociology	3	3	0

Courses - Semester 4

	Credits	Lecture	Lab
CHM 241 - Organic Chemistry II	4	3	3
CHM 251 - Analytical Chemistry II	4	3	4
(PHY 282 - Physics II with Calculus	4	3	3
OR PHY 206 - General Physics II)	4	3	3
ENG 122 - Technical Writing-Comm	3	3	0

*To complete program requirements, you must pass the above courses and earn at least **67 credits**. The number of courses and credits required for graduation may be more depending on your need for developmental education courses and the elective choices you make (if electives are a part of the program). Some programs also have college-level*

courses that you must take if you do not score at a certain level on the College Placement Test. If this applies to your program, the courses are listed at the top of the sequence sheet before the first semester of the course list.