

Chemistry

Chemistry

STANTON CAMPUS

Fall 2021

The Chemistry associate degree provides the graduate with the skills needed to work as a technician in a laboratory in chemical, pharmaceutical, and related industries. Chemical and related industries employ scientists at all degree levels in research, production, quality control laboratories, and in customer service and related areas. The Delaware Tech Chemistry program teaches you to integrate scientific knowledge, laboratory skills, and critical thinking to solve chemical problems.

PROGRAM SPECIFIC ADVISEMENT STATEMENT

Courses - Semester 1

	Credits	Lecture	Lab
SSC 100 - First Year Seminar	1	1	0
CHM 150 - Chemical Principles I	5	4	3
MAT 193 - Reasoning with Functions II	4	4	
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

Courses - Semester 3

	Credits	Lecture	Lab
CHM 240 - Organic Chemistry I	4	3	3
CHM 250 - Analytical Chemistry I	5	4	4

Courses - Semester 4

	Credits	Lecture	Lab
CHM 241 - Organic Chemistry II	4	3	3
CHM 251 - Analytical Chemistry II	4	3	4

Approved Electives

Students can have a concentration by completing five courses in one (1) of two (2) tracks. Complete one of the five courses in track A or B in the first semester. Complete two of the five courses in the second semester. Complete one of the five courses in both the third and fourth semesters. Choose two of the social science electives (Group C) to be completed in the third and fourth semesters.

Group	Courses	Credits	Lecture	Lab
A	BIO 150 - Biology I	4	3	2
A	BIO 151 - Biology II	4	3	2
A	BIO 250 - Principles of Microbiology	4	3	3
A	BIO 262 - Genetics	4	3	3
A	CHM 265 - Biochemistry	4	3	4
B	BIO 150 - Biology I	4	3	2
B	BIO 151 - Biology II	4	3	2
B	PHY 205 - General Physics I	4	3	3
B	PHY 206 - General Physics II	4	3	3
B	CHM 111 - Intro to Organic & Biochemistry	4	3	2
C	COM 111 - Human Communications	3	3	0
C	ECO 111 - Macroeconomics	3	3	0

C	ECO 122 - Microeconomics	3	3	0
C	POL 111 - Political Science	3	3	0
C	PSY 121 - General Psychology	3	3	0
C	SOC 111 - Sociology	3	3	0
C	CLT 110 - Cross-Cultural Immersion	3	3	0

*To complete program requirements, you must pass the above courses and earn at least **64 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.*