

Chemistry

Associate in Science Degree (A.S.) with Guided Career Path for Chemistry

At a Glance

The Chemistry path prepares students for careers as professional chemists and serves as a foundation for careers in other fields such as biology and medicine.

The Statewide Articulation Reporting System (STARS) will provide very specific transfer information to specific majors at each state-funded four-year institution. Once a student chooses a major and a place of transfer, an individualized guide and contract can be created. The STARS website can be accessed from the CACC homepage at www.cacc.edu. You may also access STARS from the CACC Admissions Office. CACC also has designated Transfer Advisors.

NOTE: *The sample Guided Curricular Path below contains all the elements required for degree/certificate completion. However, courses may be offered or taken in other semesters so long as prerequisites are met and courses are available. Additional options may also be available. Courses may be available days, nights, hybrid, and online. Sample paths for part-time attendance may also be available. Please see an advisor. *Students must check with the Senior Institution to determine which courses are required.*

First Semester

ORI 105	Orientation & Student Success	3
ENG 101	English Composition I	3
MTH 125	Calculus I	4
HIS 201	United States History I	3
<u>CHM 111</u>	<u>College Chemistry I</u>	<u>4</u>
	Total Semester Credit Hours	17

Second Semester

ENG 102	English Composition II	3
CIS 146	Microcomputer Applications	3
MTH 126	Calculus II	4
HIS 202	United States History II	3
<u>CHM 112</u>	<u>College Chemistry II</u>	<u>4</u>
	Total Semester Credit Hours	17

Third Semester

SPH 106	Fundamentals of Oral Communication	3
ENG 261	English Literature I	3
MUS 101	Music Appreciation	3
CHM 221	Organic Chemistry I	4
<u>PHY 213</u>	<u>General Physics w/Calculus I</u>	<u>4</u>

Total Semester Credit Hours 17

Fourth Semester

PSY 200 General Psychology 3

PHY 214 General Physics w/Calculus II 4

PHL 206 Ethics & Society 3

ECO 232 Principles of Microeconomics 3

Total Semester Credit Hours 13

TOTAL CREDIT HOURS 64