

Sample Academic Plan: Chemistry- Chemistry for Transfer AS-T Degree

Catalog: 22-23

GE Pattern: IGETC for STEM (CSU), Full Time, Total Units: 60

NOTE: This program roadmap represents one possible pathway to complete the program. Please see a counselor to create an academic plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call (916) 660-7400.

First Year

Semester 1 (13 units)

Course Number	Course Title	Units	Area
CHEM 0001A	General Chemistry	5 units	Major/IGETC 5A/5C
ENGL 0001A	College Reading, Writing and Research	4 units	IGETC Area 1A
MATH 0027	Trigonometry	4 units	Prerequisite

Semester 2 (12 units)

Course Number	Course Title	Units	Area
CHEM 0001B	General Chemistry II	5 units	Major
MATH 0012/MATH 0029	College Algebra/Precalculus	4 units	Prereq/IGETC Area 2
	General Education	3 units	IGETC Area 1B

Second Year

Semester 3 (12 units)

Course Number	Course Title	Units	Area
CHEM 0012A	Organic Chemistry I	5 units	Major
MATH 0030	Analytical Geometry and Calculus I	4 units	Major
	General Education	3 units	IGETC Area 1C

Semester 4 (12 units)

Course Number	Course Title	Units	Area
CHEM 0012B	Organic Chemistry II	5 units	Major
MATH 0031	Analytical Geometry and Calculus II	4 units	Major
	General Education	3 units	IGETC Area 3B

Third Year

Semester 5 (11 units)

Course Number	Course Title	Units	Area
PHYS 0205 & 0205L	Principles of Physics: Mechanics/Lab	5 units	Major
	General Education	3 Units	IGETC Area 5B
	General Education	3 units	IGETC Area 4

Semester 6 (10 units)

Course Number	Course Title	Units	Area
PHYS 0210 & 210L	Principles of Physics: Electricity, Magnetism/Lab	4 units	Major
	General Education	3 Units	IGETC Area 3A
	General Education	3 units	IGETC Area 4