

Chemistry AS-T Degree Checklist for 2017-2018

This worksheet is a guideline for this major. Please meet with a counselor to review your educational plan, transfer goals, and graduation requirements.

Major Requirements

Need	In Progress	Complete	UNITS	COURSE #	COURSE NAME	EQUIVALENT
			5	CHEM 025	General College Chemistry	
			5	CHEM 026	General College Chemistry	
			5	CHEM 028	Organic Chemistry I	
			5	CHEM 029	Organic Chemistry II	
			4	MATH 050	Calculus and Analytic Geometry I	
			4	MATH 060	Calculus and Analytic Geometry II	
			4	PHYS 040	Physics for Scientists and Engineers I	
			4	PHYS 041	Physics for Scientists and Engineers II	

36 Units in the Major

IGETC Intersegmental General Education Transfer Curriculum Course Recommendations

Need	In Progress	Complete	UNITS	AREA	REQUIRED	RECOMMENDED COURSE	EQUIVALENT/ALTERNATE
			3	1-A	1	ENGL 100	
			3	1-B	1	ENGL 221, 230, PHIL 110	
			3	1-C	1	SPCH 110, 120 (CSU only)	
				2	1	MATH 050*, 060*	Satisfied by major requirement
			3	3A	1	ART 005, 006, 007, 008, 009, 016, DRAMA 015, 016, 070, HUMAN 035, MUSIC 010, 015, 017	
			3 - 5	3B	1	ART 017, 018, 035, CHIN 040, DRAMA 025, 030, ENGL 124, 127, 128, 129, 132, 133, 140, 145, 150, 205, 231, FILIP 061, FRNCH 061, 062, HUMAN 019, 020, 021, 022, 024, 030, 035, ITAL 061, MUSIC 012, PHIL 100, 122, 133, 142, POLSC 033, SIGN 051, 067, 068, SPAN 051, 052, 053	
			3	4-F	1	ECON 005*, HIST 029*, 030*	
			3	4-H	1	POLSC 010*, 020*	
				5-A	1	CHEM 025*, 026*, PHYS 040*, 041*	Satisfied by major requirement
			3-5	5-B	1	ANTHR 001, BIOSC 007, 008, 010, 020, 021, 040, 045, 050	
			3 - 5	6	1	CHIN 030, 040, FILIP 060, 061, FRNCH 060, 061, 062, ITAL 060, 061, SIGN 050, 051, 067, 068, SPAN 050, 051, 052, 053 (UC only)	
				Group A	1	POLSC 10 or 20 (CSU only)	
				Group B	1	ECON 5, HIST 29 or 30 (CSU only)	

31 - 36 Units of General Education

*These courses are recommended for Chemistry majors.

Group A & B courses satisfy 2 of the area D requirements, but the units do not double count

Depending on the student's level of preparation, the following are recommended prerequisites:
Chem 6 and Phys 15 and Math 12, 25, 30, 26, & 29.

In addition, students should consider taking the following recommended electives before transfer:
Phys 42 and Math 70 & 80.

CSU Degree Pathways for Chemistry for Transfer – AST

CSU Campus	CSU Major	CSU Major Emphasis or Concentration
Bakersfield	Biochemistry	Biochemistry – General, Food Science
Bakersfield	Chemistry	American Chemical Society, General, Management & Marketing, Occupational Safety & Health Management
Channel Islands	Chemistry	Biochemistry, Chemistry – General (BA & BS)
Chico	Chemistry	Chemistry – General
Dominguez Hills	Chemistry	Biochemistry, General Chemistry
East Bay	Chemistry	No Option
Fresno	Chemistry	Chemistry
Fullerton	Chemistry	Chemistry – General (BA & BS)
Humboldt	Chemistry	Biochemistry, Chemistry (BA & BS)
Long Beach	Biochemistry	Biochemistry – General
Long Beach	Biochemistry	Chemistry – General
Northridge	Chemistry	General
Pomona	Chemistry	Biochemistry, Chemistry, Industrial Chemistry
Sacramento	Chemistry	Biochemistry, Forensic Chemistry, General Chemistry (BA & BS)
San Bernardino	Chemistry	General
San Diego	Chemistry	Certificate of the American Chemistry Society
San Francisco	Biochemistry	Biochemistry – General
San Francisco	Chemistry	Chemistry – General
San Jose	Chemistry	Chemistry (BA & BS)
San Jose	Forensic Science	Biology, Chemistry
San Jose	Humanities	Liberal Arts
San Luis Obispo	Chemistry	General, Polymers & Coatings
San Marcos	Chemistry	General, Science Education
Stanislaus	Chemistry	General (BA & BS)