

09-11 B.S. Chemistry – Advanced Chemistry Electives (Non Teaching Option)

The following plan is just one EXAMPLE of how to schedule classes to graduate in 4 years. Other schedules may be equally valid. Work with your advisor to develop a plan that meets your needs. Be sure to check your Degree Progress Report (DPR) frequently to ensure you are meeting all degree requirements.

FRESHMAN YEAR			SOPHOMORE YEAR		
Yr. 1 FALL	Yr. 1 Winter	Yr. 1 Spring	Yr. 2 Fall	Yr. 2 Winter	Yr. 2 Spring
CHEM 127 (4)	CHEM 128 (4)	CHEM 129 (4)	CHEM 316 (5)	CHEM 317 (5)	CHEM 318 (3)
MATH 141 (4)	MATH 142 (4)	MATH 143 (4)	MATH 241 (4)	MATH 244 or 200 - 400 level CSC/STAT course (4)	CHEM 319 (2)
GE ² [A1/A2] (4)	GE ² [A1/A2] (4)	GE ² [A3] (4)	PHYS 141 (4)	PHYS 132 (4)	PHYS 133 (4)
Elective (4) ¹ Recommendations: [CHEM 101 (1)] [SCM 150 workshop (1)] [MATH 151 (1)] [Additional elective (1)]	GE ² (4)	BIO 161 (4)		GE ² (4)	CHEM 331 (5)
	Elective ¹ (1) [SCM 150 workshop or MATH 152]	Elective ¹ (1) [SCM 150 workshop or MATH 153]			
16	17	17	13	17	14

JUNIOR			SENIOR YEAR		
Yr. 3 FALL	Yr. 3 Winter	Yr. 3 Spring	Yr. 4. Fall	Yr. 4 Winter	Yr. 4 Spring
CHEM 351 (3)	CHEM 352 (3)	CHEM 353 (3)	CHEM 481 (3)	CHEM 439 (5)	CHEM 484 (2)
CHEM 371 (5)	CHEM 354 (2)	CHEM 357 (1)	CHEM 459 (2)	CHEM Elective ⁴ (3)	CHEM 461 (1)
GE ² (4)	PHYS 200 level and above (3)	CHEM Elective (3) ⁴	CHEM Elective ⁴ (3)	CHEM Elective ⁴ (3)	CHEM Elective ⁴ (3)
GE ² (4)	GE ² (4)	GE ² (4)	GE ² (4) [upper division]	GE ² (4) [upper division]	GE ² (4) [upper division]
	GE ² (4)	GE ² (4)			Elective (2) ¹
16	16	15	12	15	12

Courses may not always be taught in the quarter shown. Check with the Chemistry/Biochemistry department for the most current list of projected course offerings. Last updated: 7/20/09

¹ A total of 8 units of elective credit are required for this major/concentration combination. The Chemistry Department strongly recommends that you take "Introduction to the Chemical Sciences" [CHEM 101] offered only in Fall Quarter and Supplemental Workshops [SCM 150] for Math and Science for elective credit in your first year.

² 56 units of General Education (GE) courses are required for graduation. You must take one GE from each of these areas: GE A1, A2, A3; C1, C2, C3, C4, C1-4; D1, D2, D3, D4, D5; F.

Check PASS or the Cal Poly Catalog for specific course prerequisite requirements and options for completing the USCP and GWR requirement through specific GE courses.

³ Students should take CHEM 331 during their second year, and as soon as possible after completing CHEM 129.

⁴ See CHEM curriculum sheet or Department for a current list of advanced chemistry electives. At least three courses must be chosen from List B. Total of 15 units required.