

11-13 B.S. Biochemistry – Four Year Program (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)	CHEM 331 (5)	GE ² (4)	CHEM 319 (2)
GE ² [A1/A2] (4)	GE ² [A1/A2] (4)	GE ² [A3] (4)	PHYS 121/141 (4)	PHYS122/132 (4)	PHYS 123/133 (4)
GE ² (4)	GE ² (4)	BIO 161 (4)			GE ² (4)
Elective Options: ¹	Elective Options ¹	Elective Options ¹			
17	17	17	14	13	13

JUNIOR			SENIOR YEAR		
Yr. 3 FALL	Yr. 3 Winter*	Yr. 3 Spring**	Yr. 4. Fall	Yr. 4 Winter	Yr. 4 Spring
CHEM 371 (5)	CHEM 373 (3)	CHEM 372 (4)	CHEM 375 (3)	Advanced lab: CHEM 439/ 474 /476 or Bio 361 (2-4) ⁴	Advanced BCHM Elective ³ (3)
CHEM 351 (3)	CHEM 352 (3)	CHEM 353 (3)	Advanced BCHM Elect ³ (3)	Advanced BCHM Elect ³ (3)	Advanced BCHM Elective ³ (3)
GE ² (4)	GE ² (4)	CHEM 354 (2)	MCRO 224 or BIO 452 (4-5)	CHEM 459 (2)	CHEM 461 (1)
GE ² (4)	GE ² (4)	GE ² (4) [upper division]	Elective (4-6) ¹	GE ² (4)	GE ² (4)
				Elective (4) ¹	Elective (4) ¹
16	14	13	14-17	15-17	15

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: 5/20/11

¹ A maximum of 17 units of elective credit may be required for the major to reach the 180 unit requirement to graduate. Excess of Advanced Placement Test credit may be applied to elective credit. It is recommended that you spread out elective units evenly throughout your four years. The Chemistry Department strongly recommends taking CHEM 101 - Introduction to the Chemical Sciences (1 unit) in your first quarter. Also, it is suggested that you take supplemental workshops (SCM 150) along with available Math/Science courses in your first year.

² You must take one GE from each of the following areas: GE A1, A2, A3; C1, C2, C3, C4, C1-4; D1, D2, D3, D4, D5; F. Check PASS for specific course prerequisites and options for completing the USCP and GWR requirement.

³ Select 12 units. See BCHM curriculum sheet or Department for a current list of advanced chemistry electives. At least two courses must be chosen from List A, including one lecture.

⁴ The Biochemistry/Chemistry Department recommends CHEM 474 be taken as the advanced lab option.