

## 09-11 B.S. Biochemistry – Advanced 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)	CHEM 331 (5)	GE <sup>2</sup> (4)	CHEM 319 (2)
GE <sup>2</sup> [A1/A2] (4)	GE <sup>2</sup> [A1/A2] (4)	GE <sup>2</sup> [A3] (4)	PHYS 121/141 (4)	PHYS122/132 (4)	PHYS 123/133 (4)
GE <sup>2</sup> (4) [Lower division]	GE <sup>2</sup> (4) [Lower division]	BIO 161 (4)	Elective Options: (0-2) <sup>1</sup>	Elective Options: (0-2) <sup>1</sup>	GE <sup>2</sup> (4)
Elective Options: (0-2) <sup>1</sup> [CHEM 101 (1)] [SCM 150 workshop (1)] MATH 151 (1)	Elective Options (0-2) <sup>1</sup> [SCM 150 workshops] MATH 152 (1)	Elective Options (0-2) <sup>1</sup> [SCM 150 workshops] MATH 153 (1)			Elective Options: (0-2) <sup>1</sup>
<b>16-18</b>	<b>16-18</b>	<b>16-18</b>	<b>14-16</b>	<b>13-15</b>	<b>13-15</b>

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)	Advanced lab: CHEM 375/439/474/476 or Bio 361 (2-4)	Advanced BCHM lab: CHEM 375 or 474 (2-3)	Advanced BCHM Elective <sup>3</sup> (3)
CHEM 351 (3)	CHEM 352 (3)	CHEM 353 (3)	Advanced BCHM Elective <sup>3</sup> (3)	Advanced BCHM Elective <sup>3</sup> (3)	Advanced BCHM Elective <sup>3</sup> (3)
GE <sup>2</sup> (4)	GE <sup>2</sup> (4)	CHEM 354 (2)	MCRO 224 or BIO 452 (4-5)	CHEM 459 (2)	CHEM 461 (1)
GE <sup>2</sup> (4)	GE <sup>2</sup> (4)	GE <sup>2</sup> (4) [upper division]	Elective (4) <sup>1</sup>	GE <sup>2</sup> (4) [upper division]	GE <sup>2</sup> (4) [upper division]
				Elective (4) <sup>1</sup>	Elective (4) <sup>1</sup>
<b>16</b>	<b>14</b>	<b>13</b>	<b>13-16</b>	<b>15-16</b>	<b>15</b>

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

<sup>1</sup> 18 units of elective credit required for the major. 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.

<sup>2</sup> You must take one GE from each of the following areas: GE A1, A2, A3; C1, C2, C3, C4, C1-4; D1, D2, D3, D5; F. Check PASS and the online catalog for specific course prerequisites and options for completing the USCP and GWR requirement. Take upper division GE (C4, D5, F) after you have reached junior standing (90 units of coursework).

<sup>3</sup> 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.