

**Chemistry and Biochemistry Department: Industrial Chemistry Option
Curriculum Year: 2017-2018**

Your department has developed this road plan, taking into account prerequisites and schedule restrictions.

You should pay attention to these concerns when deviating from this plan.

Year 1	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 121/121L	4	CHM 122/122L	4	CHM 123/123L	4	
	MAT 114	4	MAT 115	4	MAT 116	4	
	BIO 115/115L/115A	5	PHY 131/131L	4	PHY 132/132L	4	
	G.E. Area A1-3	4	G.E. Area A1-3	4	G. E. Area A1-3	4	
			Unrestricted Electives	3			
	Total Units	17	Total Units	19	Total Units	16	
					Total Units for Year	52	

Year 2	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 314/317L	4	CHM 315/318L	4	CHM 316/319L	4	
	CHM 221/221L	4	CS 128	4	G. E. Area C3	4	
	PHY 133/133L	4	G.E. Area C2	4	HST 202 GE Area D1b	4	
	G.E. Area C1	4	PLS 201 GE Area D1a	4	STA 309	3	
Total Units	16	Total Units	16	Total Units	15		
					Total Units for Year	47	

Year 3	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 304/304A or 311	4(3)	CHM 305 or 312	3	CHM 313	3	<i>One GE synthesis course each in Areas B, C, and D must be completed after all the lower division courses in the specific area are completed. (e.g., B5 may be taken after completion of B1-4.)</i>
	GE Area C4	4	Elective Support	3	Elective Support	3	
	CHM342/L	4	CHM 344/L	4	CHM 343/L	4	
	EC 201 G.E. Area D2	4	G.E. Area D3	4	CHM 340	4	
			CHM 352A/L	3	SCI 470 or SCI 471	2-4	
	Total Units	15-16	Total Units	17	Total Units	16-18	
Total Units for Year					48-51		

Year 4	Fall	Units	Winter	Units	Spring	Units	Comment
	CHM 424/L*	4	Option Adv. Core Elective^	3	CHM 422/L*	4	<i>*CHM 422/L (Sp) or 424/L (F) may be replaced by taking CHM 423/L (W), approval via general academic petition.</i>
			CHM 491	3	CHM 493	2	
	Option Adv. Core Elective^	3 (4)	G.E. D4	4	CHM 492	3	<i>^Option advanced electives may be chosen from approved 400-level chemistry courses, please see advisor or department chair.</i>
	CHM 321/L or 327/L or 401	4 (3)	CHM 328/L (if 327/L taken)	(4)	GE Area B5	4	
	SCI 472	2	PSY 201 or GE Area E	4			
			<i>Request a Graduation Check</i>		<i>File an application to graduate</i>		
Total Units	12-14	Total Units	14-18	Total Units	13		
Total Units for Year					39-45		

Total Units on Plan	180
Major & Option Core Units	75-80
Major Support Units	46
General Education Units	68
Unrestricted Elective Units	0-3

Cooperative education is especially important to this option. The student is encouraged to take a full-time cooperative education position(4 units) in local industry, this can begin as early as the end of the sophomore year.