Degree: Chem-BS ACS Certified: Biochemistry Concentration Transfer 2-Year Academic Roadmap

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Year 3: Junior Year								Year Total	32
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
Chem 4100+4100L	Fall & Spring	•	Chem 3400&BIOL 20	4	Chem 4200+4200L	Spring	1	Chem 4100+4100L	4
Bio elective	Fall & Spring	· ·	Biol 2020	4	Chem 3600	Spring	· ·	Chem 2500/L	5
CHEM 3200	Fall & Spring	·/	CHEM2200+2200L	3	Chem materials elective	Fall & Spring		varlable	2
Math 2310	Fall & Spring		Math 2210 pre/corq	4	GE				3
	-				free elective				3
Semester Total 15					Semester Total			17	
Year 4: Senior Year								Year Total	28
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
Chem 4600	Fall	•	Chem 3200, 4100+L,	3	CHEM 4700	Spring	•	Chem 4600	3
Chem 5700	Fall	•/	Chem 4200+4200L	2	CHEM 4750	Spring	•/	Chem 4700 (corequ)	1
Chem 5800	Fall & Spring		Chem 2500 or 3500;	. 1	CHEM 4350	Spring	•/	Chem 2500 or 3500;	3
GE x 2				6	GE				3
free elecive				3	free elective				3
Semester Total				15		Semester Total			13

Degree Units Total

60

*Course may be offered in summer

This is assuming all lower division coursework is complete, including

one year (two semester) calculus-based physics

one year calculus

one year (two semesters) general chemisty with lab

one year (two semesters) organic chemistry with lab

one year (two semesters) major-level cell biology

General Education Courses

GE Ca	ategory	Courses	Designation				
A1	Oral Communication		University Foundations				
A2	Written Communication		University Foundations				
A3	Critical Thinking		University Foundations				
B1	Physical Science		Disciplinary Perspectives				
B2	Life Science		Disciplinary Perspectives				
B3	Lab Activity		Disciplinary Perspectives				
B4	Mathematics		University Foundations				
B5	Upper Division Scientific Inquiry		Disciplinary Perspectives				
C1*	Arts		Disciplinary Perspectives				
C2*	Literature		Disciplinary Perspectives				
C2*	Philosophy		Disciplinary Perspectives				
	World Languages or Literature in						
C2*	Translation		Disciplinary Perspectives				
	*one choice must be upper-division	1					
D1^	U.S. History		University Foundations				
D2 ^	American Government		University Foundations				
	Social Sciences Discipline						
D3 ^	Perspectives		Disciplinary Perspectives				
D4 ^	Upper Division Social Science		Disciplinary Perspectives				
	^at least 2 disciplines must be represented in D, including choices in US History & Government						
Е	Foundation Seminar		University Foundations				

(WI) Writing Intensive

At least 2 courses reqd, one UD

Diversity and Inclusiveness

iveness

(DI) Perspectives At least 1 course required

(G) Global Perspectives

At least 1 course required