

Bachelor of Arts - Chemistry - Biochemistry Concentration
First Time Freshman Academic Roadmap

Year 1: Freshman Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 2100 (GE 5A)	Fall & Spring	College Math (Corequisite)	4	CHEM 2200	Fall & Spring	CHEM 2100	4	
CHEM 2100L (GE 5C)	Fall & Spring	CHEM 2100 (Corequisite)	1	CHEM 2200L	Fall & Spring	CHEM 2200 (Corequisite)	1	
MATH 2210 (GE 2)	Fall & Spring	MATH 1401	4	MATH 2220	Fall & Spring	MATH 2210	4	
Free Elective	Fall & Spring		3	Critical Thinking (GE 1B)	Fall & Spring		3	
Oral Communication (GE 1C)	Fall & Spring		3	Written Communication (GE 1A)	Fall & Spring		3	
Semester Total			15	Semester Total			15	
Year 2: Sophomore Year				Year Total				32
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
BIOL 2010 (GE 5B)	Fall	CHEM 2100	5	BIOL 2020	Spring	BIOL 2010	5	
CHEM 3400	Fall	CHEM 2200 and CHEM 2200L	5	CHEM 3500	Spring	CHEM 3400	5	
General Education	Fall & Spring		3	General Education	Fall & Spring		3	
General Education	Fall & Spring		3	General Education	Fall & Spring		3	
Semester Total			16	Semester Total			16	
Year 3: Junior Year				Year Total				31
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 3200	Fall & Spring	CHEM 2100 and CHEM 2200	4	CHEM 4200	Spring	CHEM 4100	3	
CHEM 4100	Fall & Spring	CHEM 2300, 2500, or 3400; and BIOL 2010	3	CHEM 4200L	Spring	CHEM 4200 (Corequisite)	1	
CHEM 4100L	Fall & Spring	CHEM 4100 (Corequisite)	1	PHYS 2010	Fall & Spring	PHYS 2000	4	
PHYS 2000	Fall & Spring	MATH 2210	4	PHYS 2010L	Fall & Spring	PHYS 2010 (Corequisite)	1	
PHYS 2000L	Fall & Spring	PHYS 2000 (Corequisite)	1	General Education	Fall & Spring		3	
General Education	Fall & Spring		3	General Education (UD)	Fall & Spring		3	
Semester Total			16	Semester Total			15	
Year 4: Senior Year				Year Total				27
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 4600	Fall	CHEM 3200, 4100/L; MATH 2220; PHYS 2010/	3	CHEM 4700	Spring	CHEM 4600	3	
CHEM 4350	Fall	CHEM 3200 and CHEM 3500	3	CHEM Elective	Fall & Spring	Varies	2	
CHEM 4750	Fall	CHEM 4600 (Corequisite)	1	Free Elective	Fall & Spring		3	
CHEM 5800	Fall & Spring	CHEM 3200 and CHEM 3500	1	Free Elective	Fall & Spring		3	
General Education (UD)	Fall & Spring		3	Free Elective	Fall & Spring		2	
General Education (UD)	Fall & Spring		3					
Semester Total			14	Semester Total			13	
				Degree Units Total			120	