

**Bachelor of Arts - Chemistry - Biochemistry Concentration
Transfer Academic Roadmap**

Year 1: Junior Year				Year Total				33
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 3600	Spring	CHEM 2500	5	
CHEM 4100	Fall & Spring	CHEM 2300, 2500, or 3400; and BIOL 2010	3	CHEM 4200	Spring	CHEM 4100	3	
CHEM 4100L	Fall & Spring	CHEM 4100 (Corequisite)	1	CHEM 4200L	Spring	CHEM 4200 (Corequisite)	1	
PHYS 2000	Fall & Spring	MATH 2210	4	PHYS 2010	Fall & Spring	PHYS 2000	4	
PHYS 2000L	Fall & Spring	PHYS 2000 (Corequisite)	1	PHYS 2010L	Fall & Spring	PHYS 2010 (Corequisite)	1	
General Education (UD)	Fall & Spring		3	General Education (UD)	Fall & Spring		3	
Semester Total			16	Semester Total			17	

Year 2: Senior Year				Year Total				27
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 4350	Fall	CHEM 3200 and CHEM 3500	3	CHEM 4700	Spring	CHEM 4600	3	
CHEM 4600	Fall	CHEM 3200, 4100/L; MATH 2220; PHYS 2010/L	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	
Free Elective	Fall & Spring		3					
Semester Total			14	Semester Total			13	
Degree Units Total							60	

CBIOCNSBAX

Last modified 2023-08-02

The roadmap is an academic planning resource. Students should refer to their PAWS Report and Academic Catalog for graduation requirements.

This roadmap assumes students completed one year of the following sequences at their previous institution: Calculus, General Chemistry, Major Biology, and Organic Chemistry.

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Year 1: Junior Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
BIOL 2010	Fall	CHEM 2100 with a grade of C or higher	5	BIOL 2020	Spring	BIOL 2010 with a grade of C or better	5
CHEM 3400	Fall	CHEM 2200/L with a grade of C or better	5	CHEM 3500	Spring	CHEM 3400 with a grade of C or better	5
MATH 2210	Fall & Spring	MATH 1401 or MATH 1403	4	MATH 2220	Fall & Spring	MATH 2210 with a grade of C- or better	4
Semester Total			14	Semester Total			14

Year 2: Junior/Senior Year				Year Total			
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 (UD)	Fall & Spring		3
Semester Total			13	Semester Total			12

Year 3: Senior Year				Year Total			
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units
CHEM 4350	Fall	CHEM 3200 and CHEM 3500	3	CHEM 4700	Spring	CHEM 4600	3
CHEM 4600	Fall	CHEM 3200, 4100/L; MATH 2220; PHYS 2010/L	3	CHEM Elective	Fall & Spring	Varies	2
CHEM 4750	Fall	CHEM 4600 (Corequisite)	1	General Education (UD)	Fall & Spring		3
CHEM 5800	Fall & Spring	CHEM 3200 and CHEM 3500	1	General Education (UD)	Fall & Spring		3
Semester Total			8	Semester Total			11
						Degree Units Total	72

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This roadmap assumes students completed one year of at least one of the following sequences at their previous institution: Calculus, Major Biology, and Organic Chemistry.