

Bachelor of Science - Chemistry - Chemistry Concentration
Transfer Academic Roadmap

Year 1: Junior Year				Year Total				32
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 3200	Fall & Spring	CHEM 2200/2200L	4	CHEM 3600	Spring	CHEM 2500 and CHEM 2500L	5	
CHEM 4100	Fall & Spring	CHEM 2300, 2500	3	CHEM 4200	Spring	CHEM 4100	3	
CHEM 4100L	Fall & Spring	CHEM 4100 (Corequisite)	1	CHEM 4200L	Spring	CHEM 4100; CHEM 4200 pre/coreq	1	
BIOL 2020	Fall & Spring	BIOL 2010	5	CHEM 5800	Fall & Spring	CHEM 3200 & CHEM 3500	1	
General Education (UD)	Fall & Spring		3	MATH 2310	Fall & Spring	MATH 2210 & 2220	4	
				Free Elective	Fall & Spring		2	
Semester Total			16	Semester Total			16	

Year 2: Senior Year				Year Total				28
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; MATH 2220; PHYS 2510/L	3	CHEM 5700	Spring	CHEM 4200L	2	
CHEM 4750	Fall	CHEM 4600 pre/coreq	1	UD Biology Concentration Elective	Spring	Varies	4	
CHEM 5990	Fall & Spring	Senior standing	0	General Education (UD)	Fall & Spring		3	
General Education (UD)	Fall & Spring		3	Free Elective	Fall & Spring		3	
Free Elective	Fall & Spring		3					
Semester Total			13	Semester Total			15	
				Degree Units Total			60	

CHEMCNSBSX

Last modified

9/1/2026

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: Physics, Calculus, General Chemistry, Major Biology, and Organic Chemistry.

The following courses fulfill the Upper Division Scientific Inquiry GE B5 requirement: CHEM 3200, CHEM 4550, and either CHEM 5850 or CHEM 5860.