

Bachelor of Arts - Chemistry - Chemistry 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	
Oral Communication (GE 1C)	Fall & Spring		3	Critical Thinking (GE 1B)	Fall & Spring		3	
Free Elective	Fall & Spring		3	Written Communication (GE 1A)	Fall & Spring		3	
Semester Total			15	Semester Total			15	

Year 2: Sophomore Year				Year Total				30
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 3400	Fall	CHEM 2200 and CHEM 2200L	5	BIOL 1000 (GE 5B)	Fall & Spring		3	
MATH 2310	Fall & Spring	MATH 2220	4	BIOL 1000L	Fall & Spring	BIOL 1000 (Corequisite)	1	
General Education	Fall & Spring		3	CHEM 3500	Spring	CHEM 3400	5	
General Education	Fall & Spring		3	General Education	Fall & Spring		3	
				General Education	Fall & Spring		3	
Semester Total			15	Semester Total			15	

Year 3: Junior Year				Year Total				29
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 Elective	Fall & Spring	Varies	3	
CHEM Elective	Fall & Spring	Varies	3	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			15	Semester Total			14	

Year 4: Senior Year				Year Total				31
Fall Semester	Terms Offered	Prerequisite Courses	Units	Spring Semester	Terms Offered	Prerequisite Courses	Units	
CHEM 4300	Fall	CHEM 2500 or 3500, and CHEM 3200	4	CHEM 4500	Spring	CHEM 4400	3	
CHEM 4400	Fall	CHEM 3200; MATH 2220; PHYS 2010/L	3	CHEM 4550	Spring	CHEM 4500 (Corequisite)	1	
CHEM 5800	Fall	CHEM 3200 and CHEM 3500	1	CHEM Elective	Fall & Spring	Varies	3	
General Education (UD)	Fall & Spring		3	General Education (UD)	Fall & Spring		3	
Free Elective	Fall & Spring		3	Free Elective	Fall & Spring		3	
Free Elective	Fall & Spring		2	Free Elective	Fall & Spring		2	
Semester Total			16	Semester Total			15	
				Degree Units Total			120	

CHEMCNSBAX

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.