

**Degree: Chem-BA CHEM: Chemistry Concentration
Freshman 4-Year Academic Roadmap**

Year 1: Freshman Year

Fall	Term(s)	Pre-req	Pre-req Courses	Units
Math 2210	Fall & Spring	TRUE	Math 1401	4
Chem 2100+2100L	Fall & Spring	TRUE	College math coreq	5
GE		FALSE		3
GE		FALSE		3
Semester Total				15

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Math 2200	Fall & Spring	TRUE	Math 2210	4
Chem 2200+2200L	Fall & Spring	TRUE	Chem 2100+2100L	5
GE		FALSE		3
GE		FALSE		3
Semester Total				15

Year 2: Sophomore Year

Fall	Term(s)	Pre-req	Pre-req Courses	Units
Math 2310	Fall & Spring	TRUE	Math 2210 pre/coreq	4
Chem 3400	Fall	TRUE	Chem 2200+2200L	5
GE		FALSE		3
GE		FALSE		3
		FALSE		
Semester Total				15

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Bio 1000+1000L	Fall & Spring	FALSE		5
Chem 3500	Spring	TRUE	Chem 3400	5
GE		FALSE		3
GE		FALSE		3
		FALSE		
Semester Total				16

Year 3: Junior Year

Fall	Term(s)	Pre-req	Pre-req Courses	Units
CHEM 3200	Fall & Spring	TRUE	CHEM2200+2200L	4
Phys 2200 + 2000L	Fall & Spring	TRUE	Math 2210	5
Chem elective		TRUE	variable	3
GE		FALSE		3
Semester Total				15

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Chem elective	Fall & Spring	TRUE	variable	3
Phys 2010+2010L	Fall & Spring	TRUE	Phys 2000+2000L	5
GE		FALSE		3
GE		FALSE		3
Semester Total				14

Year 4: Senior Year

Fall	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4400	Fall	TRUE	Chem 3200, Math 2220; Phys 20	3
Chem 4300	Fall	TRUE	Chem 2500 or 3500; & 3200	4
Chem 5800	Fall	TRUE	Chem 2500 or 3500; & 3200 & 90	1
GE		FALSE		3
Free elective		FALSE		3
Semester Total				14

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4500	Spring	TRUE	Chem 4400	3
Chem 4550	Spring	TRUE	Chem 4500 (corequ)	1
Chem Elective	Fall & Spring	TRUE	variable	3
Free elective		FALSE		3
2 x free electives		FALSE		6
Semester Total				16

Degree Units

120