

Degree: Chem-BS ACS Certified: 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/corq	4
Biol 2010	Fall	TRUE	Chem 2100	5
Chem 3400	Fall	TRUE	Chem 2200+2200L	5
GE		FALSE		3
Semester Total				17

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Math elective	Fall & Spring	TRUE	Math 2210	4
Chem 3500	Spring	TRUE	Chem 3400	5
CHEM 3200	Fall & Spring	TRUE	CHEM2200+2200L	4
GE		FALSE		3
Semester Total				16

Year 3: Junior Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4100+4100L	Fall & Spring	TRUE	Chem 3400&BIOL 2010	4
Phys 2500+2500L	Fall & Spring	TRUE	Math 2210	5
Chem elective or mate	Fall & Spring	TRUE	variable	2
GE		FALSE		3
Semester Total				14

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Chem elective or mate	Fall & Spring	TRUE	variable	2
Phys 2510+2510L	Fall & Spring	TRUE	Phys 2500+2500L	5
GE		FALSE		3
GE		FALSE		3
GE		FALSE		3
Semester Total				16

Year 4: Senior Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4400	Fall	TRUE	Chem 3200, Math 2220; Phys	3
Chem 4300	Fall	TRUE	Chem 2500 or 3500; & 3200	4
Chem 5800	Fall	TRUE	Chem 2500 or 3500; & 3200	1
GE		FALSE		3
GE		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 5850 or 5860	Spring	TRUE	Chem 5800	1
3 Chem 5200	Spring	TRUE	Chem 2500 or 3500; Chem 3200;	5
GE+elective (2 courses)		FALSE		6
Semester Total				16

Degree Units

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