

Degree: Chem-BS ACS Certified: Biochemistry 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
<b>Semester Total</b>				<b>15</b>

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
<b>Semester Total</b>				<b>15</b>

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
<b>Semester Total</b>				<b>17</b>

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Phys 2500+2500L	Fall & Spring	TRUE	Math 2210	5
Chem 3500	Spring	FALSE	Chem 3400	5
Bio 2020	Spring	TRUE	Bio 2010	5
GE		FALSE		3
<b>Semester Total</b>				<b>18</b>

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 2510+2510L	Fall & Spring	TRUE	Phys 2500+2500L	5
GE		FALSE		3
GE		FALSE		3
<b>Semester Total</b>				<b>15</b>

Spring	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4200+4200L	Spring	TRUE	Chem 4100+4100L	3
Bio elective	Fall & Spring	TRUE	Biol 2020	5
CHEM 3200	Fall & Spring	TRUE	CHEM2200+2200L	3
GE		FALSE		3
GE		FALSE		3
<b>Semester Total</b>				<b>17</b>

Year 4: Senior Year				
Fall	Term(s)	Pre-req	Pre-req Courses	Units
Chem 4600	Fall	TRUE	Chem 3200, 4100+L, Math 2220; PH	3
Chem 5700	Fall	TRUE	Chem 4200+4200L	2
Chem 5800	Fall & Spring	TRUE	Chem 2500 or 3500; & 3200 & 90+ u	1
GE		FALSE		3
GE		FALSE		3
<b>Semester Total</b>				<b>12</b>

Spring	Term(s)	Pre-req	Pre-req Courses	Units
CHEM 4700	Spring	TRUE	Chem 4600	3
CHEM 4750	Spring	TRUE	Chem 4700 (corequ)	1
CHEM 4350	Spring	TRUE	Chem 2500 or 3500; Chem 3200	3
GE		FALSE		3
free elective		FALSE		3
<b>Semester Total</b>				<b>13</b>