

**Degree: BS in Bioinformatics
Freshman 4-Year Academic Roadmap**

The following is one possible sequence of courses to complete a degree in 4 years.
The Department requires that each student verify their course plan with a faculty advisor.

Year 1: Freshman Year					Year Total					30	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
CSE 2010 (GE B4)	Fall & Spring	<input checked="" type="checkbox"/>	CSE 1250 or Consent	4	CSE 2020	Fall & Spring	<input checked="" type="checkbox"/>	CSE 2010, Math 2720	4		
Math 2210	Fall & Spring	<input checked="" type="checkbox"/>	Math 1401 or sat. plcmnt	4	Math 2220	Fall & Spring	<input checked="" type="checkbox"/>	Math 2210	4		
Math 2720	Fall & Spring	<input checked="" type="checkbox"/>	GE B3, sat by Math 2210	3	GE A1	Fall & Spring	<input type="checkbox"/>		3		
GE E	Fall & Spring	<input type="checkbox"/>		3	CHEM 2100	Fall & Spring	<input type="checkbox"/>		5		
	Fall & Spring	<input type="checkbox"/>			CHEM 2100L	Fall & Spring	<input type="checkbox"/>				
Semester Total				14	Semester Total				16		
Year 2: Sophomore Year					Year Total					34	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
CHEM 2200	Fall & Spring	<input checked="" type="checkbox"/>	CHEM 2100	5	BIOL 2020	Spring	<input checked="" type="checkbox"/>	BIOL 2010	5		
BIOL 2010	Fall & Spring	<input type="checkbox"/>	CHEM 2100	5	CSE 4310	Spring	<input checked="" type="checkbox"/>	CSE 2020, Math 2310	3		
MATH 2310	Fall	<input checked="" type="checkbox"/>	Math 2210, Math2220 pre or co	4	GE B2	Fall & Spring	<input type="checkbox"/>		3		
GE A2	Fall & Spring	<input type="checkbox"/>		3	GE C2.1	Fall & Spring	<input type="checkbox"/>		3		
		<input type="checkbox"/>			GE A3 Critical Thinking		<input type="checkbox"/>		3		
Semester Total				17	Semester Total				17		
Year 3: Junior Year					Year Total					31	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
CSE 5000	Fall	<input checked="" type="checkbox"/>	CSE 2020	3	CSE 5720	Spring	<input checked="" type="checkbox"/>	CSE 2020	3		
CSE 5160	Fall	<input checked="" type="checkbox"/>	CSE 2020 and Math 2220	3	CHEM 2300	Spring	<input checked="" type="checkbox"/>	CHEM 2200	4		
MATH 2265	Fall	<input checked="" type="checkbox"/>	MATH 2210	3	GE C1	Spring	<input type="checkbox"/>		3		
D1 American Gov	Fall & Spring	<input type="checkbox"/>		3	D2 US History	Fall & Spring	<input type="checkbox"/>		3		
GE C2.2	Fall & Spring	<input type="checkbox"/>		3	GE D3 American Gov	Fall & Spring	<input type="checkbox"/>		3		
Semester Total				15	Semester Total				16		
Year 4: Senior Year					Year Total					25	
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units		
CSE 5500	Fall	<input checked="" type="checkbox"/>	Senior Standing	3	CSE 4880	Spring	<input checked="" type="checkbox"/>	Senior standing	3		
BIOL 3120	Fall	<input checked="" type="checkbox"/>	BIOL 2020 , CHEM 2300/CHEM 240	4	CSE 5510	Spring	<input checked="" type="checkbox"/>	CSE 5500	3		
GE C2.3	Fall & Spring	<input type="checkbox"/>		3	CHEM 4100	Fall & Spring	<input checked="" type="checkbox"/>	CHEM 2300 and BIOL 2010	3		
GE B upper division	Fall & Spring	<input type="checkbox"/>		3	GE D4 upper div	Fall & Spring	<input type="checkbox"/>		3		
		<input type="checkbox"/>					<input type="checkbox"/>				
Semester Total				13	Semester Total				12		
									Degree Units Total	120	

Updated: 10/14/2020 [WPC]

Updated to match Bulletin