

## Chemistry Course Requirements Interdisciplinary: Biological

### Chemistry Core (Required of All Majors)

F=Fall; S=Spring; U=Summer Semesters

	Credits	Offered	<i>Honors Courses Indicated with H</i>	
CHEM 1210, 1220 (General Chemistry I & II)	(4, 4)	F, S, U		S: 1221H
CHEM 1215, 1225 (Gen Chem Labs)	(1, 1)	F, S, U		
CHEM 2310, 2320 (Organic Chemistry I & II)	(4, 4)	F, S, U	F: 2311H	S: 2321H
CHEM 2315, 2325 (Org Chem Labs)	(1, 1)	F, S, U		
CHEM 3000 (Quantitative Analysis)	(4) CW	F, U		
CHEM 3060 (Physical Chemistry I - Quantum)	(4) QI	F, S		
CHEM 3100 (Inorganic Chemistry)	(5)	F		
MATH 1210, 1220 (Calculus I & II)	(4, 4)	F, S, U		
MATH 2210 (Calculus III)	(3)	F, S, U		
PHYCS 2210, 2220 (Physics for Sci & Eng I & II)	(4, 4)	F, S, U	F: 2110	S: 2120
PHYCS 2215, 2225 (Physics Labs)	(1, 1)	F, S		

### Additional Courses

Requires 2 Advanced Labs and 5 credit hours of upper division Biology Electives	Credits	Offered
BIOL 2020 & 2030 (Cell Biology & Genetics)	(3, 3)	F, S
CHEM 3070 (Physical Chemistry II) or 3090	(4, 3)QI	F, S
CHEM 3510 (Biological Chemistry I)	(3)	F, S
CHEM 3515 or 3525 (Biological Chem Lab)	(2, 3)	S, F
CHEM 3520 (Biological Chemistry II)	(3)	S
CHEM 5700 (Adv. Analytical Lab)	(2)	S <sup>1</sup>
CHEM 5710 (Adv. Organic Lab)	(2)	F <sup>1</sup>
CHEM 5720 (Adv. Physical Lab)	(2)	S <sup>2</sup>
CHEM 5730 (Adv. Inorganic Lab)	(2)	F <sup>2</sup>
BIOL Electives (3000+)	(5)	F, S

