

Chemistry Course Requirements Interdisciplinary: Professional

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 5 Advanced Labs; Undergrad Research may replace one Advanced Lab	Credits	Offered
MATH 2250 (ODE & Linear Algebra)	(3)	F, S, U
MATH 3150 (Partial Diff Eq)	(2)	F, S, U
CHEM 3070 (Physical Chemistry II - Thermo)	(4) QI	F, S
CHEM 3510 (Biological Chemistry I)	(3)	F, S
CHEM 5700 (Adv. Analytical Lab)	(2)	S1
CHEM 5710 (Adv. Organic Lab)	(2)	F1
CHEM 5720 (Adv. Physical Lab)	(2)	S2
CHEM 5730 (Adv. Inorganic Lab)	(2)	F2
CHEM 3515 or 3525 (Biological Chem Lab)	(2, 3)	S, F
CHEM 4800 or 4999 (Undergrad Research)	(2)	F, S, U