

Course Schematic for Chemistry Degree Tracks

Courses common to all degree programs			
CHEM 1450	College Chem I	MATH 1591	Calculus I
CHEM 1451	College Chem II	MATH 1592	Calculus II
CHEM 2401	Organic Chem I	MATH 2371	Calculus III
CHEM 3411	Organic Chem II		
CHEM 3211	Organic Spectroscopy		
CHEM 3520	Quantitative Analysis		
CHEM 4112	Seminar		
CHEM 4450	Physical Chemistry I		
CHEM 4460	Physical Chemistry II		
CHEM 4320	Biochemistry I		

Courses for each specific degree program			
	<i>BS Chemistry ACS Certified</i>	<i>BS Chemistry ACS Certified Biochemistry</i>	<i>BS Major in Chemistry</i>
Research	2 hours required	2 hours required	2 hours recommended
Minor	Not required	Not required	Required
Additional Math	MATH 3331 (Diff Eq)	None	None
Physics	PHYS 1441, 1442 (Univ Phys I&II)	PHYS 1441, 1442 (Univ Phys I&II)	PHYS 1441, 1442 (Univ Phys I&II) or* PHYS 1410, 1420 (Col Phys I&II)
Additional Courses	CHEM 4380 (Adv Inorganic)	CHEM 4121 (Biochem Lab)	CHEM 3360 (Int Inorganic)
	CHEM 4451 (Adv Analytical)	CHEM 4335 (Biochem II)	
	One of the following: CHEM 3360 (Int Inorg)	Either CHEM 3360 (Int Inorg) or CHEM 4380 (Adv Inorg)	
	CHEM 4335 (Biochem II)	BIOL 1440 (Biology I)	
	CHEM 4351 (Environmental)	BIOL 1441 (Biology II)	
	CHEM 4385 (Topics)	BIOL 2490 (Genetics)	
	CHEM 3150 (Advanced Inorg. Lab)	BIOL 3402 (Cell Biology)	*With advance approval by chair
		BIOL 3420 (Microbiology)	