

Program: Bachelor of Science with a Major in Chemistry (Professional Track)

The professional track prepares the student for graduate study in chemistry and provides for job entry level as a chemist. A grade of C or better is required in all chemistry courses.

Core Curriculum Areas A-E for science majors		42
Core Curriculum Area F		18
CHEM 1211, 1212 General Chemistry I, II	8	
CHEM 2810 Quantitative Analysis	4	
MATH 2011, 2012 Calculus I one hour, II	5	
CSCI 1200(or higher) Introduction to Computers & Programming, one hour	1	
Non-Core Courses		5-16
MATH 2011 (if not in D, transfer student)	0-3	
CSCI 1200 (or higher)(two hours from F)	2	
PHYS 2211, 2212 Principles of Physics I, II (if not in Area D)	0-8	
MATH 3020 Differential Equations	3	
Major Concentration		40
CHEM 3411, 3412 Organic Chemistry I, II	8	
CHEM 3721, 3722 Physical Chemistry I, II	8	
CHEM 3810 Advanced Organic Chemistry	4	
CHEM 3820 Laboratory Management and Safety	2	
CHEM 4210 Advanced Inorganic Chemistry	4	
CHEM 4551 Biochemistry I	4	
CHEM 4840 Instrumental Analysis	4	
Select two of the following:	6	
CHEM 4552 Biochemistry II (3)		
CHEM 4830 Principles of Instrument Design (3)		
CHEM 4950 Selected Topics (3)		
Electives		4-15
Physical Education		5
Satisfactory Chemistry Oral Exam (Departmental requirement)		
Chemistry Written Exit Exam (Institutional requirement)		
Total Hours for the Degree		125

Updated Fall 2007