

CHEMISTRY – Biochemistry Track

Bachelor of Science with a Major in Chemistry

The biochemistry track is ideal for pre-medicine, pre-dentistry, or graduate study in biochemistry.
(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 Principles of Chemistry I, II	8
CHEM 2810 Quantitative Analysis	5
MATH 2011 Calculus and Analytic Geometry I - (1 hour)	1
PHYS 1111 Introductory Physics I	4
Non-Core Courses	4-7
MATH 2011 (if not in D, transfer student)	0-3
PHYS 1112 Introductory Physics II	4
Note: New majors are encouraged to complete CHEM 1000 Chemistry Orientation	
Major Concentration	34
CHEM 3411, 3412 Organic Chemistry I, II	8
CHEM 3721 Physical Chemistry I	3
CHEM 3810 Advanced Organic Chemistry	3
CHEM 3820 Laboratory Management and Safety	2
CHEM 4210 Advanced Inorganic Chemistry	3
CHEM 4551, 4552 Biochemistry I, II	6
CHEM 4553 Biochemistry Lab	1
CHEM4700 Integrated Lab	3
CHEM 4800 Advanced Seminar	1
CHEM 4840 Instrumental Analysis	4
Minor or Upper Division Electives (grade of C or better is required in all of these courses.) To be chosen with the assistance of the student's faculty advisor, CHEM 4990 not to exceed 3 hours credit	15-18
Electives	1-7
Physical Education	4
Completion of ACS Diagnostic of Undergraduate Chemistry Knowledge Exam with a minimum score of 25 correct	
Total Hours for the Degree	124