University of the Incarnate Word
Unofficial Degree Plan

School of Mathematics, Science and Engineering

Degree: **Bachelor of Science** Major: **Chemistry**

Bachelor's degree institutional requirements: A minimum of 120 hours required for graduation to include: 45 hours of
.48 10.38 ref289.56 544.14 0.481 10.38 ref337.26 544.14 0.481 10.38 ref471.84 544.14 0.48 10.38 ref502.26 544.14 0.48 10.38 ref532.74 544.14 0.481 10.38 ref563.16 5
residency, 36 advanced hours (junior/senior) (0-6 hrs)

HIST 1311, 1312, 1321, 1322	3		
3 hrs Social Science	3		
Modern Language (6) 6 hrs in one language other than English			
	3		
	3		

CHEM 4222	Instrumental Analysis Lab	2		
CHEM 4331	Physical Chemistry: Thermodynamics	3		
CHEM 4231	Physical Chemistry: Thermodynamics Lab	2		
CHEM 4432/ CHEM 4432L	Physical Chemistry: Quantum Mechanics and Lab	4		
CHEM 4351	Biochemistry I	3		
CHEM 4251	Biochemistry I Lab	2		

	*General Biology I for Majors and Lab	4		
MATH 2312	*Calculus I	3		
MATH 2313	Calculus II	3		
PHYS 2305	Physics I	3		
PHYS 2105	Physics I Lab	1		
PHYS 2306	Physics II	3		
PHYS 2106	Physics II Lab	1		

Electives (10-13 hrs)				

*Can be used to satisfy the Core.

Grade of C or better required in ENGL 1311, 1312 and all courses for the major/minor/concentration/specialization.

University Core
Program Core