

Indiana University Southeast
Bachelor of Science in Chemistry – Biochemistry Option - American Chemical Society
Certified
 (Beginning Fall 2005)

Name: _____ SID#: _____ Date: _____

FYS Requirement (1 credit)			CHEM-C318 Spectrochemistry & Separations		3
First Year Seminar		1	CHEM-C361 Phys Chemistry of Bulk Matter		3
General Education Requirements			CHEM-C362 Physical Chemistry II		1
Written Communication			CHEM-C364 Physical Chemistry Lab		3
ENG-W 131		3	CHEM-C409 Chemistry Research		3
ENG-W 234		3	CHEM-C430 Inorganic Chemistry		3
CHEM-C 301, 302 or 305			CHEM-C484/485/486 Biochemistry		9
Oral Communication			CHEM C301 or C302 Chemistry Seminar I/II		1
SPCH-S 121		3	Science Electives (3 credits)		
Quantitative Reasoning			Choose from list (BIOL-L311 recommended)		
Satisfied by major			Requirement		
Information Technology Fluency			Credits Required	Credits Completed	
Satisfied by FYS and in the major			Gen Ed/BA Requirements	22+	
Reasoning About Ethical Questions			FYS		
PHIL-P 100 (recommended - may be used for Humanities)		3	ENG-W 131		
Diversity (one course) 3 credits			ENG-W234		
SOC-S 163, or POLY-Y107 or Y109 (recommended - may be used for Social and Behavioral Sciences)			SPCH-S121		
FREN-F 250, GER-G 250 or SPAN-S 250 (See Chem. Advisor: may be used for Foreign Language)			SBS/Diversity*		
Central Issues, Ideas & Methods of Inquiry: Arts and Humanities (6 credits)			SBS		
See Chem. advisor- may use Phil-P100			Arts		
Arts		3	Humanities/MER*		
Central Issues, Ideas & Methods of Inquiry: Natural and Physical Sciences			Biology	13	
Satisfied by major			BIOL-L101/102/211		
Central Issues, Ideas & Methods of Inquiry: Social and Behavioral Sciences – SBS (6 credits)			Foreign Language	8	
See Chem. advisor- may use SOC-S 163			Mathematics	13	
One other course		3	MATH-M215/216/311		
Critical Thinking			Physics	10	
Satisfied by major			PHYS-P221/222		
Additional Bachelor of Science Requirements			Chemistry	54	
Foreign Language (8 credits)			CHEM-C105/125		
Two semesters			CHEM-C106/126		
Physics (10 credits)			CHEM-C341/343		
PHYS-P 221/222			CHEM-C342/344		
Biology (13 credits)			CHEM-C315 or 333		
BIOL-L101/102/211			CHEM-C317		
Math (13 credits)			CHEM-C318		
MATH-M 215/216/311			CHEM-C361/362/364		
Core Requirements Chemistry			CHEM-C409		
CHEM-C 105 & C125 – Chemistry I & Lab		5	CHEM-C484/485/486		
CHEM-C 106 & C126 – Chemistry II & Lab		5	CHEM-C301 or 302 or 305		
CHEM-C 341& C343 – Organic Chemistry I		5	General Electives		3
CHEM-C 342 & C344– Organic Chemistry II		5	BIOL-L311(recommended)		
CHEM-C 315 Chemical Measurements Lab		3	May be chosen to satisfy an Associate or Minor and or satisfy BA requirements		
CHEM-C317 Equilibria and Electrochemistry		3	Total for Degree		123+

*Possibility of double dipping. +If separate courses are used to satisfy *.