Indiana University Southeast

Bachelor of Science in Chemistry – American Chemical Society Certified

(Beginning Fall 2005)

Name: _____ SID#: _____ Date: _____

FYS Requirement (1 credit)		
	First Year Seminar	1
General Education Requirements		
Written Communication		
	ENG-W 131	3
	ENG-W 234	3
	CHEM-C 301, 302 or 305	
Oral Communication		
	SPCH-S 121	3
Quantitative Reasoning		
	Satisfied by major	
Information Technology Fluency		
	Satisfied by FYS and in the major	
Reasoning About Ethical Questions		
	PHIL-P 100 (recommended - may be used for Humanities)	3
Diversity (one course) 3 credits		
	SOC-S 163, or POLY-Y107 or Y109 (recommended - may be used for Social and Behavioral Sciences)	
	FREN-F 250, GER-G 250 or SPAN-S 250 (See Chem. Advisor: may be used for Foreign Language)	
Central Issues, Ideas & Methods of Inquiry: Arts and Humanities (6 credits)		
	See Chem. advisor- may use Phil-P 100	
	Arts	3
Central Issues, Ideas & Methods of Inquiry: Natural and Physical Sciences		
	Satisfied by major	
Central Issues, Ideas & Methods of Inquiry: Social and Behavioral Sciences – SBS (6 credits)		
	See Chem. advisor- may use SOC-S 163	
	One other course	3
Critical Thinking		
	Satisfied by major	
Additional Bachelor of Science Requirements		
Foreign Language (8 credits)		
	Two semesters	
Physics (10 credits)		
	PHYS-P 221/ P222	10
Biology (3 credits)		
	BIOL-L 100	
Math (13 credits)		
	MATH-M 215/216/311	13
Core Requirements Chemistry		
	CHEM-C 105 & C125 – Chemistry I & Lab	5
	CHEM-C 106 & C126 – Chemistry II & Lab	5
	CHEM-C 341& C343 – Organic Chemistry I	5
	CHEM-C 342 & C344– Organic Chemistry II	5
	CHEM-C 315 Chemical Measurements Lab	3
	CHEM-C317 Equilibria and Electrochemistry	3
	CHEM-C318 Spectrochemistry & Separations	3
	CHEM-C361 Phys Chemistry of Bulk Matter	3
	CHEM-C362 Physical Chemistry II	3
	CHEM-C364 Physical Chemistry Lab	3
	CHEM-C409 Chemistry Research	3
	CHEM-C430 Inorganic Chemistry	3
	CHEM-C484 Biochemistry	3
	CHEM C301 or C302 Chemistry Seminar I/II	1
	Science Electives (18 credits)	
	Choose from list	

Requirement	Credits Required	Credits Completed
Gen Ed/BA Requirements	22+	
FYS		
ENG-W 131		
ENG-W 234		
SPCH-S 121		
SBS/Diversity*		
SBS		
Arts		
Humanities/MER*		
Biology	3	
BIOL-L 100		
Foreign Language	8	
Mathematics	13	
MATH-M215/216/311		
Physics	10	
PHYS-P221/P222		
Chemistry	48	
CHEM-C 105/125		
CHEM-C 106/126		
CHEM-C 341/343		
CHEM-C 342/344		
CHEM-C 315 or 333		
CHEM-C 317		
CHEM-C 318		
CHEM-C 361/362/364		
CHEM-C301 or 302 or 305		
CHEM-C409		
CHEM-C430		
CHEM-C484		
General Electives	18	
May be chosen to satisfy an Associate or Minor and or satisfy BA requirements		
Total for Degree	**122+**	

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