CHEMISTRY MAJOR
ACSA Approved Concentration

DOMAIN GENERAL EDUCATION (10 Courses Required):

Domain II B is satisfied through completion of the Biochemistry major, leaving ten courses to be completed to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the catalog for full information. (check off as completed)

Common Core:	A. ENWR 110 Composition 2	_____
	B. MATH XXX	_____
Domain I:	A. Creative Arts	_____
	B. Humanities	_____
	C. Language	_____
Domain II:	A. Analysis, Modeling, Problem-Solving	_____
	B. Sciences (two; one must be a lab science)	__X__
		_____
Domain III:	A. Perspectives on the Past	_____
	B. Perspectives on Contemp. World	_____
	C. Global Comp., Eth. Reas., Human Div.	_____

CHEMISTRY MAJOR AND RELATED COURSES (8):

CHEM 107/107L	Principles of Chemistry with Lab	_____
CHEM 108/108L	Principles of Chemistry & Quantitative Analysis with Lab	_____
CHEM 207/207L	Organic Chemistry I with Lab	_____
CHEM 208/208L	Organic Chemistry II with Lab	_____
MATH 219	Calculus I (CCM)	_____
MATH 220	Calculus II	_____
PHYS 211/211L	Principles of Physics I with Lab	_____
PHYS 212/212L	Principles of Physics II with Lab	_____

American Chemical Society Approved Concentration:
Concentration Requirements (11):

CHEM 301/301L	Biochemistry I with Lab	_____
CHEM 303/303L	Physical Chemistry I with Lab	_____
CHEM 304/304L	Physical Chemistry II with Lab	_____
CHEM 321/321L	Instrumental Analysis with Lab	_____
CHEM 401/401L	Inorganic Chemistry with Lab	_____
CHEM 480	Chemical Research I	_____
CHEM 481	Chemical Research II	_____
CSCI 120	Introduction to Information Technology	_____

Choose one (1) Advanced Chemistry Course from:

CHEM 332/322L	Biochemistry II with Lab	
CHEM 390	Special Topics in Chemistry	_____

Choose two (2) Electives from:

COMM 215 Science Communication	
CSCI 108 HTML, JavaScript Programming, &Web Site Dev.	_____
CSCI 130 Computer Science I Using Java	_____
CSCI 215 Computer Science II Using Java	_____
CSCI 258 Introduction to Operating Systems Using UNIX™	_____
ENGL 286 Professional Writing	_____
ENGL 311 Writing About Science	_____
ENGL 372 Technical Writing	_____
ENVS 202 Data Analysis for Scientists	_____
MATH 206 Discrete Mathematics I	_____
MATH 221 Calculus III	_____
MATH 226 Linear Algebra and Applications	_____
STAT 157 Probability and Statistics **OR**	_____
STAT 208 Biostatistics.	

FREE ELECTIVES (3):

_____   _____   _____

_____   _____   _____