

Declaration of Chemistry Major

Student Name _____

ID# _____

ACT Math = 24-28 or ACT English = 17-28 or

Student entering Math 140
and English 111 Ready

Major: Chemistry BS

COMPASS Algebra = 66-100 COMPASS WRITING = 80+

Suggested Program of Studies

Year One

Fall Semester			Grades	Spring Semester			Grades
Eng 111	Freshman Composition 1	3		Eng 112	Freshman Composition 2	3	
Mth 140	College Algebra	3		Math 160	Pre-Calculus	5	
Chem 211	General Chemistry 1	3		Chem 212	General Chemistry 2	3	
Chem 215	Chemistry Lab 1	2		Chem 216	Chemistry Lab 2	2	
Mart 124	Beginning Speech	3		PE 100	Fit for Life	2	
Area IV-V	Social/Behavioral or Humanities/Fine Arts	3		Area IV	Social/Behavioral Sciences	3	
					*Test out of CS 101 Living with Computers	0	
		17				18	

Year Two

Fall Semester			Grades	Spring Semester			Grades
Language	Span 101 or Lang 109 ASL	4		Language	Span 102 or Lang 110 ASL	4	
Mth 211	Calculus 1	4		Mth 252	Calculus 2	4	
Chem 341	Organic Chemistry 1	4		Chem 342	Organic Chemistry 2	4	
Phys 291	Calculus Physics 1	5		Phys 292	Calculus Physics 2	5	
		17				17	

Year Three

Fall Semester			Grades	Spring Semester			Grades
Mth 273	Calculus 3	4		Mth 320	Linear Algebra	3	
Chem 321	Quantitative Analysis	4		Chem 322	Instrumental Analysis	4	
Chem 359	Fundamentals of Lab Safety 1	1		Chem 372	Physical Chemistry 2	3	
Chem 371	Physical Chemistry 1	3		Eng XXX	English Literature Elective	3	
Area IV	Social/Behavioral Sciences	3		Eng 367	Technical Writing	3	
		15				16	

Year Four

Fall Semester			Grades	Spring Semester			Grades
Chem 419	Advanced Synthesis & Instru. Analysis	3		Chem 317	Physical Chemistry Lab	3	
Chem 461	Inorganic Chemistry 1	3		Chem 495	Senior Chemistry Application	3	
Chem 481	Biochemistry 1	3		Chem XXX	Upper division elective w/advisor approval	3	
Area V	Humanities/Fine Arts	3		Chem XXX	Upper division elective w/advisor approval	3	
Chem XXX	Upper division elective w/advisor approval	3		Area V	Humanities/Fine Arts	3	
		15				15	

Total Overall Credits: 130

Satisfies University requirements of 51 hours upper division credits, and Core Requirements.

Satisfies Department of Chemistry and Forensic Science requirements of 47 hours upper division credits and Departmental Core Requirements.

American Chemical Society certified BS degree plan.

Math 160 is pre-requisite for Math 211.

Chem 359 Fundamentals of Lab Safety: recommended, especially for students doing lab research with faculty.

Chem XXX: Student must choose at least 6 upper division level credits from among approved Chemistry electives for major.

Approval Signatures:

_____ Student Signature Date _____

_____ Advisor Date _____

_____ Director or Dean Date _____