

First Year			
Fall Term		Spring Term	
Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	1311	General Chemistry I	3
CHEM	1111	General Chemistry I Lab	3
BIOL	1306	Biology for Science Majors I	3
BIOL	1106	Biology for Science Majors I Lab	1
MATH	2211	Precalculus A	3
MATH	2011	Precalculus A Lab	3
ENGL	1301	Rhetoric and Composition	
HIST	1301	United States History I	
Total Semester Hours			16
CHEM	1312	General Chemistry II	3
CHEM	1112	General Chemistry II Lab	1
BIOL	1307	Biology for Science Majors II	3
BIOL	1107	Biology for Science Majors II Lab	1
MATH	2212	Precalculus B	2
MATH	2012	Precalculus B Lab	0
ENGL	1302	Research and Argument	3
HIST	1302	United States History II	3
Total Semester Hours			16
Second Year			
Fall Term		Spring Term	
Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3331	Organic Chemistry I	3
CHEM	3131	Organic Chemistry I Lab	1
ENGL	2311	Technical and Scientific Writing	3
CHEM	2175	Special Problems	1
MATH	2313	Calculus I	3
MATH	2113	Calculus I Lab	1
		Comp Sci Elective	3
Total Semester Hours			15
CHEM	3332	Organic Chemistry II	3
CHEM	3132	Organic Chemistry II Lab	1
CHEM	4175	Special Problems	1
MATH	2314	Calculus II	3
MATH	2114	Calculus II Lab	1
		Core S/BS	3
		Core SPCH	3
Total Semester Hours			15
Third Year			
Fall Term		Spring Term	
Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3437	Inorganic Chemistry	4
CHEM	3037	Physical Chemistry I Lab	0
PHYS	1301	Mechanics and Heat	3
PHYS	1101	Mechanics and Heat Laboratory	1
		BIOL elective 4hr	4
GOVT	2305	Federal Government	3
Total Semester Hours			15
CHEM	3421	Quantitative Analysis	4
CHEM	3021	Quantitative Analysis Lab	0
PHYS	1302	Electricity, Sound and Light	3
PHYS	1102	Electricity, Sound and Light Laboratory	1
		Core CA	3
GOVT	2306	Texas Government	3
BIOL	2371	Animal Form-Function Lecture	3
Total Semester Hours			17
Fourth Year			
Fall Term		Spring Term	
Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	4352	Inorganic Chemistry	3
CHEM	4152	Inorganic Chemistry Lab	1
CHEM	4443	Instrumental Analysis	4
CHEM	4043	Instrumental Analysis Lab	0
CHEM	4364	Advanced Biochemistry	3
		CHEM BioMed Elective	3
		BIOL elective 4hr	4
Total Semester Hours			18
CHEM	4170	A, B, C, D Seminar	1
CHEM	4354	Biochemical Techniques	3
CHEM	4054	Biochemical Techniques Lab	0
CHEM	4353	Comprehensive Biochemistry II	3
		BIOL elective 4hr	4
		Core LPC	3
Total Semester Hours			14
Total Hours for Degree			126

Course Group Key						
Course Group Name	Credit Hours	Courses in Group		Course Group Name	Credit Hours	Courses in Group
Core SPCH	3			Core S/BS	3	
Public Speaking		SPCH	1315	Cultural Anthropology		ANTH 2351
Interpersonal Communication		SPCH	1318	Principles of Macroeconomics		ECON 2301
Teamwork and Group Communication		SPCH	2333	Principles of Microeconomics		ECON 2302
Core LPC	3			Intro to Human Dimensions and Recreation		FORS 2351
Literary Genres		ENGL	2335	World Regional Geography		GEOG 1303
Introduction to Mythology		ENGL	2309	Survey of Mass Communication		MCOM 1307
British Literature to 1800		ENGL	2322	General Psychology		PSYC 2301
British Literature from 1800		ENGL	2323	Introduction to Sociology		SOCI 1301
American Literature to 1865		ENGL	2327	Comp Sci Elective	3	
American Literature from 1865		ENGL	2328	Introduction to Computing		COSC 1301
World Literature to 1650		ENGL	2332	Computer Science Principles		CSCI 1302
World Literature from 1650		ENGL	2333	Intro to Information Processing Systems		BCIS 1305
Introduction to Literature		ENGL	2341	BIOL elective 4hr	4	
Western Civilization I		HIST	2311	Animal (Including Human) Physiology		BIOL 3440
Western Civilization II		HIST	2312	Comparative Vertebrate Anatomy (lecture)		BIOL 3443
World Civilizations I		HIST	2321	Genetics (lecture)		BIOL 3453
World Civilizations II		HIST	2322	Animal Histology		BIOL 4455
Introduction to Philosophy		PHIL	1301	BIOL lab elective 4hr	0	
Introduction to World Religions		PHIL	1304	Animal (Including Human) Physiology Lab		BIOL 3040
Introduction to Ethics		PHIL	2306	Comparative Vertebrate Anatomy Lab		BIOL 3043
Core CA	3			Genetics Lab		BIOL 3053
Art Appreciation		ARTS	1301	Animal Histology Lab		BIOL 4055
Art History I (Prehistoric to the 14th century)		ARTS	1303	CHEM BioMed Elective	3	
Art History II (14th Century to the present)		ARTS	1304	Special Problems		CHEM 3176
Dance Appreciation		DANC	2303	Inorganic Chemistry		CHEM 3311
Theatre Appreciation		DRAM	1310	Chemical Concepts		CHEM 3320
Film and Culture		DRAM	2366	Applied Chemical Concepts		CHEM 3321
Intro to Music Literature		MUMH	1307	Fundamentals of Organic Chemistry		CHEM 3330
Music Appreciation		MUSI	1306	Introduction to Fermentation Science		CHEM 3365
Core CCA	3			Fundamental Applications of Chemistry		CHEM 3402
Business Communication		BUSI	2304	Physical Chemistry II		CHEM 3438
Technical and Scientific Writing		ENGL	2311	Advanced Special Topics		CHEM 4171
Elementary French I		FREN	1311	Introduction to Intellectual Property		CHEM 4172
Elementary French II		FREN	1312	Special Problems		CHEM 4176
Elementary German I		GERM	1311	Patent Application		CHEM 4273
Elementary German II		GERM	1312	Advanced Inorganic Chemistry		CHEM 4341
International & Intercultural Comm-Latin America		INCM	1301	Advanced Organic Chemistry		CHEM 4355
International & Intercultural Comm-France		INCM	1302	Industrial Internship		CHEM 4380
International & Intercultural Comm-Germany		INCM	1303	Laboratory Internship		CHEM 4381
International & Intercultural Comm-Brazil		INCM	1304	Environmental Chemistry		CHEM 4420
Elementary Portuguese I		PORT	1311	Industrial Fermentation Technology		CHEM 4466
Elementary Portuguese II		PORT	1312	AnyCourse	3	Any course offered by SFA
Beginning American Sign Language		SGNL	1301			
Intermediate American Sign Language		SGNL	1302			
Elementary Spanish I		SPAN	1311			
Elementary Spanish II		SPAN	1312			