

First Year				Spring Term			
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	1311	General Chemistry I	3	CHEM	1312	General Chemistry II	3
CHEM	1111	General Chemistry I Lab	1	CHEM	1112	General Chemistry II Lab	1
MATH	2211	Precalculus A	2	MATH	2212	Precalculus B	2
MATH	2011	Precalculus A Lab	0	MATH	2012	Precalculus B Lab	0
ENGL	1301	Rhetoric and Composition	3	ENGL	1302	Precalculus B Lab	3
HIST	1301	United States History I	3	HIST	1302	United States History II	3
COSC	1301	Introduction to Computing	3			Minor	3
<b>Total Semester Hours</b>			<b>15</b>	<b>Total Semester Hours</b>			<b>15</b>
Second Year				Spring Term			
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3331	Organic Chemistry I	3	CHEM	3332	Organic Chemistry II	3
CHEM	3131	Organic Chemistry I Lab	1	CHEM	3132	Organic Chemistry II Lab	1
ENGL	2311	Technical and Scientific Writing	3	CHEM	4175	Special Problems	1
CHEM	2175	Special Problems	1	CHEM	3421	Quantitative Analysis	4
MATH	2313	Calculus I	3	CHEM	3021	Quantitative Analysis Lab	0
MATH	2113	Calculus I Lab	1	MATH	2314 or 1342	Calculus II or Intro to Prob and Stats	3
		Minor	3	MATH 2114 or Elective		Calculus II Lab or 1 hr. Elective	1
						Core LPC	3
<b>Total Semester Hours</b>			<b>15</b>	<b>Total Semester Hours</b>			<b>16</b>
Third Year				Spring Term			
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3311	Inorganic Chemistry	3	CHEM	4341	Advanced Inorganic Chemistry	3
CHEM	4352	Comprehensive Biochemistry I	3	CHEM	4141	Advanced Inorganic Chemistry Lab	1
CHEM	4152	Comprehensive Biochemistry I Lab	1	PHYS	1302 or 2326	Electricity, Sound and Light or Technical Physics II	3
PHYS	1301 or 2326	Mechanics and Heat or Technical Physics I	3	PHYS	1102 or 2126	Electricity, Sound and Light or Technical Physics II Lab	1
PHYS	1101 or 2126	Mechanics and Heat or Technical Physics I Lab	1			Core S/BS	3
		Minor	3			Core CA	3
						Minor	3
<b>Total Semester Hours</b>			<b>14</b>	<b>Total Semester Hours</b>			<b>17</b>
Fourth Year				Spring Term			
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3437	Physical Chemistry I	4	CHEM	4170	A, B, C, D Seminar	1
CHEM	3037	Physical Chemistry I Lab	0	CHEM	3438	Physical Chemistry II	4
CHEM	4443	Instrumental Analysis	4	CHEM	3038	Physical Chemistry II Lab	0
CHEM	4043	Instrumental Analysis Lab	0	GOVT	2306	Texas Government	3
GOVT	2305	Federal Government	3			Core SPCH	3
		Advanced Minor	3			Advanced Minor	3
<b>Total Semester Hours</b>			<b>14</b>	<b>Total Semester Hours</b>			<b>14</b>
<b>Total Hours for Degree</b>							<b>120</b>

Course Group Key						
Course Group Name	Credit Hours	Courses in Group		Course Group Name	Credit Hours	Courses in Group
<b>Core SPCH</b>	<b>3</b>			<b>Core S/BS</b>	<b>3</b>	
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
<b>Core LPC</b>	<b>3</b>			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	<b>ChemInter Core Science</b>	<b>3</b>	
American Literature from 1865		ENGL	2328	Biology for Science Majors I		BIOL 1306
World Literature to 1650		ENGL	2332	Biology for Science Majors II		BIOL 1307
World Literature from 1650		ENGL	2333	Classical and Modern Astronomy		ASTR 1303
Introduction to Literature		ENGL	2341	Introductory Geology		GEOL 1303
Western Civilization I		HIST	2311	Historical Geology		GEOL 1304
Western Civilization II		HIST	2312	Mechanics and Heat		PHYS 1301
World Civilizations I		HIST	2321	Electricity, Sound and Light		PHYS 1302
World Civilizations II		HIST	2322	Technical Physics I		PHYS 2325
Introduction to Philosophy		PHIL	1301	Technical Physics II		PHYS 2326
Introduction to World Religions		PHIL	1304	<b>ChemInter Core Science Lab</b>	<b>1</b>	
Introduction to Ethics		PHIL	2306	Biology for Science Majors II Lab		BIOL 1107
<b>Core CA</b>	<b>3</b>			Classical and Modern Astronomy Lab		ASTR 1103
Art Appreciation		ARTS	1301	Introductory Geology Lab		GEOL 1103
Art History I (Prehistoric to the 14th century)		ARTS	1303	Historical Geology Lab		GEOL 1104
Art History II (14th Century to the present)		ARTS	1304	Mechanics and Heat Lab		PHYS 1101
Dance Appreciation		DANC	2303	Electricity, Sound and Light Lab		PHYS 1102
Theatre Appreciation		DRAM	1310	Technical Physics I Lab		PHYS 2125
Film and Culture		DRAM	2366	Technical Physics II Lab		PHYS 2126
Intro to Music Literature		MUMH	1307	<b>Advanced CHEM Elective 1</b>	<b>1</b>	
Music Appreciation		MUSI	1306	Organic Chemistry II Lab		CHEM 3132
<b>Core CCA</b>	<b>3</b>			Advanced Inorganic Chemistry Lab		CHEM 4141
Business Communication		BUSI	2304	Comprehensive Biochemistry I Laboratory		CHEM 4152
Technical and Scientific Writing		ENGL	2311	Introduction to Intellectual Property		CHEM 4172
Elementary French I		FREN	1311	Special Problems		CHEM 4175
Elementary French II		FREN	1312	Special Problems		CHEM 4176
Elementary German I		GERM	1311	Patent Application		CHEM 4273
Elementary German II		GERM	1312	<b>Advanced CHEM Elective 3</b>	<b>3</b>	
International & Intercultural Comm-Latin America		INCM	1301	Inorganic Chemistry		CHEM 3311
International & Intercultural Comm-France		INCM	1302	Organic Chemistry II		CHEM 3332
International & Intercultural Comm-Germany		INCM	1303	Advanced Inorganic Chemistry		CHEM 4341
International & Intercultural Comm-Brazil		INCM	1304	Comprehensive Biochemistry I		CHEM 4352
Elementary Portuguese I		PORT	1311	Comprehensive Biochemistry II		CHEM 4353
Elementary Portuguese II		PORT	1312	Biochemical Techniques		CHEM 4354
Beginning American Sign Language		SGNL	1301	Advanced Organic Chemistry		CHEM 4355
Intermediate American Sign Language		SGNL	1302	Advanced Biochemistry		CHEM 4364
Elementary Spanish I		SPAN	1311	Industrial Internship		CHEM 4380
Elementary Spanish II		SPAN	1312	Laboratory Internship		CHEM 4381
				<b>Advanced CHEM Elective 4</b>	<b>4</b>	
				Physical Chemistry I		CHEM 3437
				Physical Chemistry II		CHEM 3438
				Environmental Chemistry		CHEM 4420
				Instrumental Analysis		CHEM 4443
				<b>5000-4000 Any Course</b>	<b>5</b>	Any SFA 3000/4000 Course