

First Year								
Fall Term					Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
BIOL	1306	Biology for Science Majors I	3		BIOL	1307	Biology for Science Majors II	3
BIOL	1106	Biology for Science Majors I Lab	1		BIOL	1107	Biology for Science Majors II Lab	1
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	Research and Argument	3
HIST	1301	United States History I	3		HIST	1302	United States History II	3
Total Semester Hours			16		Total Semester Hours			16
Second Year								
Fall Term					Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	2175	Special Problems	1		CHEM	3332	Organic Chemistry II	3
CHEM	3331	Organic Chemistry I	3		CHEM	3132	Organic Chemistry II Lab	1
CHEM	3131	Organic Chemistry I Lab	1		BIOL	3453	Genetics	4
ENGL	2311	Technical and Scientific Writing	3		BIOL	3053	Genetics Lab	0
MATH	2313	Calculus I	3				Core LPC	3
MATH	2113	Calculus I Lab	1		MATH	1342	Intro to Prob and Stats	3
Total Semester Hours			12		Total Semester Hours			14
Summer I Term					Summer II Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3336	Physical Chemistry for Biological Sciences	3		BIOL 2371 or Elective		Animal Form and Function or Elective	3
					BIOL	2071	Animal Form and Function Lab	0
Total Semester Hours			3		Total Semester Hours			3
Third Year								
Fall Term					Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	3322	Theory of Quantitative Analysis	3		CHEM	4343	Theory of Instrumental Analysis	3
CHEM	4352	Comprehensive Biochemistry I	3		CHEM	4453	Comprehensive Biochemistry II	4
PHYS	1301	Mechanics and Heat	3		PHYS	1302	Electricity, Sound and Light	3
PHYS	1101	Mechanics and Heat Lab	1		PHYS	1102	Electricity, Sound and Light Lab	1
		Core S/BS	3				Core CA	3
Total Semester Hours			13		Total Semester Hours			14
Summer I Term					Summer II Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	4365	Theory of Biochemical Analysis	3		CHEM	4453	Biochemical Analysis Lab**	4
Total Semester Hours			3		Total Semester Hours			4
Fourth Year								
Fall Term					Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours		Course	Course Number	Course Group/Description	Required Credit Hours
CHEM	4175	The Scientific Method	1		CHEM	4170	Senior Seminar	1
		Comp Sci Elective	3				Elective or BIOL Minor	3
		Elective or BIOL Minor	3				Elective	3
GOVT	2305	Federal Government	3				Elective	3
		Core SPCH	3		GOVT	2306	Texas Government	3
Total Semester Hours			13		Total Semester Hours			13
Total Hours for Degree					124			

\*Dependent on student ACT/SAT scores and/or previous course completion

\*\* Students will be required to attend on SFA's campus for two weeks