

First Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CSIT	1300	Introduction to Problem-Solving	3	CSIT	2301	Introduction to Information Technology	3
CSCI	1302	Computer Science Principles	3	CSCI	1462	Introduction to Data Analytics	3
		Core Math	3			OR	
ENGL	1301	Rhetoric and Composition	3	MATH	1325	Elements of Calculus with Application for Business	
HIST	1301	United States History I	3			OR	
				MATH	1342	Introduction to Probability and Statistics	
						Core CA	3
				ENGL	1302	Research and Argument	3
				HIST	1302	United States History II	3
Total Semester Hours			15	Total Semester Hours			15
Second Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CSCI	2311	Event-Driven Programming	3			Advanced Option I	3
		Advanced Option I	3			Course from Chosen Minor*	3
GOVT	2305	Federal Government	3	GOVT	2306	Texas Government	3
		Core Science	3			Core Science	3
		Core Science Lab	1			Core Science Lab	1
SPCH	1315	Public Speaking	3			Core S/BS	3
Total Semester Hours			16	Total Semester Hours			16
Third Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
		Advanced Option I	3			Advanced Option II	3
		Advanced Option I	3	ENGL	2311	Technical and Scientific Writing	3
		Liberal, Applied and Fine Arts Electives	3			Liberal, Applied and Fine Arts Electives	3
		Course from Chosen Minor*	3			Course from Chosen Minor*	3
BLAW	3335	Business Law	3			Elective or Concentration Course	3
		OR					
BUSI	3325	Business, Ethics, and Society					
Total Semester Hours			15	Total Semester Hours			15
Fourth Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
		CSCI/CSIT 3000-4000	3	CSCI	4111	Ethics in Computer Science	1
		Core LPC	3			CSCI/CSIT 3000-4000	3
		Course from Chosen Minor*	3			Course from Chosen Minor*	3
		Elective or Concentration Course	3			Course from Chosen Minor*	3
		Elective or Concentration Course	3			Elective or Concentration Course	3
Total Semester Hours			15	Total Semester Hours			13
Total Hours for Degree							120

\*A minor of 18 to 24 semester hours in a single discipline. At least six hours in the minor must be in advanced-level courses at SFA.

Course Group Key						
Course Group Name	Credit Hours	Courses in Group		Course Group Name	Credit Hours	Courses in Group
<b>Core Science</b>	<b>2-3</b>			<b>Core Math</b>	<b>3</b>	
Classical and Modern Astronomy		ASTR	1303	College Algebra		MATH 1314
Biology for Science Majors I		BIOL	1306	Finite Mathematics		MATH 1324
Biology for Science Majors II		BIOL	1307	Math in Society		MATH 1332
Biology for Non-Science Majors I		BIOL	1308	Intro to Probability and Statistics		MATH 1342
Biology for Non-Science Majors II		BIOL	1309	Intro to Foundations of Mathematics I		MATH 1350
Anatomy and Physiology I		BIOL	2301	Calculus I		MATH 2313
Plant Form and Function		BIOL	2361	<b>Core S/BS</b>	<b>3</b>	
Local Flora or Fauna		BIOL	2381	Cultural Anthropology		ANTH 2351
Intro to Chemistry I		CHEM	1305	Principles of Macroeconomics		ECON 2301
General Chemistry I		CHEM	1311	Principles of Microeconomics		ECON 2302
General Chemistry II		CHEM	1312	Intro to Human Dimensions and Recreation		FORS 2351
Chemistry and Society		CHEM	1371	World Regional Geography		GEOG 1303
Intro to Environmental Science		ENVR	1301	Survey of Mass Communication		MCOM 1307
Fundamentals of Earth Science		GEOL	1301	General Psychology		PSYC 2301
Introductory Geology		GEOL	1303	Introduction to Sociology		SOCI 1301
Historical Geology		GEOL	1304	<b>Core LPC</b>	<b>3</b>	
Cultivating Plants		HORT	1231	Literary Genres		ENGL 2335
Mechanics and Heat		PHYS	1301	Introduction to Mythology		ENGL 2309
Electricity, Sound and Light		PHYS	1302	British Literature to 1800		ENGL 2322
General Physics I		PHYS	1305	British Literature from 1800		ENGL 2323
General Physics II		PHYS	1307	American Literature to 1865		ENGL 2327
Fundamentals of Electronics		PHYS	1310	American Literature from 1865		ENGL 2328
Technical Physics I		PHYS	2325	World Literature to 1650		ENGL 2332
Technical Physics II		PHYS	2326	World Literature from 1650		ENGL 2333
<b>Core Science Lab</b>	<b>1</b>			Introduction to Literature		ENGL 2341
Classical and Modern Astronomy		ASTR	1103	Western Civilization I		HIST 2311
Biology for Science Majors I		BIOL	1106	Western Civilization II		HIST 2312
Biology for Science Majors II		BIOL	1107	World Civilizations I		HIST 2321
Biology for Non-Science Majors I		BIOL	1108	World Civilizations II		HIST 2322
Biology for Non-Science Majors II		BIOL	1109	Introduction to Philosophy		PHIL 1301
Anatomy and Physiology I		BIOL	2101	Introduction to World Religions		PHIL 1304
Plant Form and Function Lab		BIOL	2061	Introduction to Ethics		PHIL 2306
Local Flora or Fauna Lab		BIOL	2081	<b>Core CA</b>	<b>3</b>	
Intro to Chemistry I Lab		CHEM	1105	Art Appreciation		ARTS 1301
General Chemistry I Lab		CHEM	1111	Art History I (Prehistoric to the 14th century)		ARTS 1303
General Chemistry II Lab		CHEM	1112	Art History II (14th Century to the present)		ARTS 1304
Conceptual Chemistry Lab		CHEM	1071	Dance Appreciation		DANC 2303
Intro to Environmental Science Lab		ENVR	1101	Theatre Appreciation		DRAM 1310
Fundamentals of Earth Science Lab		GEOL	1001	Film and Culture		DRAM 2366
Introductory Geology Lab		GEOL	1103	Intro to Music Literature		MUMH 1307
Historical Geology Lab		GEOL	1104	Music Appreciation		MUSI 1306
Cultivating Plants Lab		HORT	1131	<b>Advanced Option I</b>	<b>3</b>	
Mechanics and Heat Lab		PHYS	1101	Application Software Microcomputers		CSIT 3340
Electricity, Sound and Light Lab		PHYS	1102	Internet Technologies		CSIT 3350
General Physics I Lab		PHYS	1105	Internet Programming Concepts		CSIT 3351
General Physics II Lab		PHYS	1107	System Administration		CSIT 3353
Fundamental of Electronics Lab		PHYS	1110	Network Administration		CSIT 3355
Technical Physics I Lab		PHYS	2125	<b>Advanced Option II</b>	<b>3</b>	
Technical Physics II Lab		PHYS	2126	Database Application Development		CSIT 4352
<b>Elective</b>	<b>3</b>	Any course offered by SFA		Enterprise Security		CSIT 4355

Course Group Key			
Course Group Name	Credit Hours	Courses in Group	
CSCI/CSIT 3000-4000	3		
Contemporary Programming Language		CSCI	3101
Object-Oriented Programming Methods		CSCI	3331
Discrete Structures		CSCI	3333
Principles of Operating Systems		CSCI	3341
Algorithm Analysis		CSCI	3342
Contemporary Topics in Computer Science		CSCI	4101
Wthics in Computer Science		CSCI	4111
Applied Operations Research		CSCI	4321
Database Management Systems		CSCI	4325
Requirements Engineering and System Modeling		CSCI	4326
System Simulation and Model Building		CSCI	4331
Computer Networking		CSCI	4335
Organization Programming Languages		CSCI	4342
Computer Graphics		CSCI	4345
Special Problems		CSCI	4175
Data Analytics I		CSCI	3362
Data Analysis II		CSCI	4362
Capstone Data Analysis		CSCI	4365
Internship in Computing		CSCI	3185
Internship in Information Technology		CSIT	3185
Liberal, Applied and Fine Arts Electives	3		
** Any ARTS, COMM, CRTJ, DANC, DRAM, ENGL, FREN, GEOG, GERM, GOVT, HIST, INCM, LANG, LING, MCOM, MILS, MUSI, PHIL, POSC, PSYC, RELS, SOCI, SOCW, SPAN, SPCH, SUST course.			