

First Year							
Fall Term				Spring Term			
Course	Course Number	Course Group/Description	Required Credit Hours	Course	Course Number	Course Group/Description	Required Credit Hours
CSCI	1302	Computer Science Principles	3	CSCI	2302	Computer Programming Principles	3
MATH	1324	Finite Mathematics	3	MATH	1325	Elements of Calculus with Apps for Business	3
ENGL	1301	Rhetoric and Composition	3	ENGL	1302	Research and Argument	3
ECON	2301	Principles of Macroeconomics	3	ECON	2302	Principles of Microeconomics	3
HIST	1301	United States History I	3	CSCI	2311	Event-Driven Programming	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	3302	Data Structures	3	CSCI	3340	Application Software Microcomputers	3
MATH	1342	Introduction to Probability and Statistics	3	CSCI 3321 or 3331			3
ENGL	2311	Technical and Scientific Writing	3	SPCH	1315	Public Speaking	3
HIST	1302	United States History II	3	ECON	3339	Applied Statistics	3
		Computer Science Elective	3			Computer Science Elective	3
		Computer SLab Elective	1			Computer SLab Elective	1
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
CSCI	3333	Discrete Structures	3	CSCI	3342	Algorithm Analysis	3
STAT	3342	Statistical Methods	3	CSCI	3362	Data Analytics I	3
ECON	3351	Intermediate Macroeconomics	3	ECON	3353	Intermediate Microeconomics	3
		CORE CA	3	STAT	3344	Statistical Modeling	3
GOVT	2305	Federal Government	3	GOVT	2306	Texas Government	3
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	4325	Database Management Systems	3	CSCI	4111	Ethics in Computer Science	1
CSCI	4362	Data Analysis II	3	CSCI 4365 or STAT 3348			3
STAT	3346	Experimental Design Analysis	3			AnyCourse	3
ECON	4350	Forecasting in Economics and Business	3			AnyCourse	3
		Core LPC	3			AnyCourse	3
Total Semester Hours			15	Total Semester Hours			13
Total Hours for Degree						120	

Course Group Key						
Course Group Name	Credit Hours	Courses in Group		Course Group Name	Credit Hours	Courses in Group
Computer Science Elective	3			Core CA	3	
Classical and Modern Astronomy		ASTR	1303	Art Appreciation		ARTS 1301
Biology for Non-Science Majors I		BIOL	1308	Art History I (Prehistoric to the 14th century)		ARTS 1303
Biology for Non-Science Majors II		BIOL	1309	Art History II (14th Century to the present)		ARTS 1304
General Zoology		BIOL	1313	Dance Appreciation		DANC 2303
Anatomy and Physiology I		BIOL	2301	Theatre Appreciation		DRAM 1310
Intro to Chemistry I		CHEM	1305	Film and Culture		DRAM 2366
General Chemistry I		CHEM	1311	Intro to Music Literature		MUMH 1307
General Chemistry II		CHEM	1312	Music Appreciation		MUSI 1306
Introductory Geology		GEOL	1303	Core S/BS	3	
Historical Geology		GEOL	1304	Cultural Anthropology		ANTH 2351
Mechanics and Heat		PHYS	1301	Principles of Macroeconomics		ECON 2301
Electricity, Sound and Light		PHYS	1302	Principles of Microeconomics		ECON 2302
General Physics I		PHYS	1305	Intro to Human Dimensions and Recreation		FORS 2351
General Physics II		PHYS	1307	World Regional Geography		GEOG 1303
Fundamentals of Electronics		PHYS	1310	Survey of Mass Communication		MCOM 1307
Technical Physics I		PHYS	2325	General Psychology		PSYC 2301
Technical Physics II		PHYS	2326	Introduction to Sociology		SOCI 1301
Computer Slab Elective	1			CSCI 3000-4000	3	
Classical and Modern Astronomy		ASTR	1103	Contemporary Programming Language		CSCI 3101
Biology for Non-Science Majors I		BIOL	1108	Client Server Web Programming		CSCI 3321
Biology for Non-Science Majors II		BIOL	1109	Software Engineering		CSCI 3323
General Zoology		BIOL	1113	Object-Oriented Programming Methods		CSCI 3331
Anatomy and Physiology I		BIOL	2101	Discrete Structures		CSCI 3333
Intro to Chemistry I Lab		CHEM	1105	Principles of Operating Systems		CSCI 3341
General Chemistry I Lab		CHEM	1111	Algorithm Analysis		CSCI 3342
General Chemistry II Lab		CHEM	1112	Data Analytics I		CSCI 3362
Introductory Geology Lab		GEOL	1103	Contemporary Topics in Computer Science		CSCI 4101
Historical Geology Lab		GEOL	1104	Special Problems		CSCI 4175
Mechanics and Heat Lab		PHYS	1101	Computer Science Practicum		CSCI 4312
Electricity, Sound and Light Lab		PHYS	1102	Applied Operations Research		CSCI 4321
General Physics I Lab		PHYS	1105	Database Management Systems		CSCI 4325
General Physics II Lab		PHYS	1107	Requirements Engineering and System Modeling		CSCI 4326
Fundamental of Electronics Lab		PHYS	1110	System Simulation and Model Building		CSCI 4331
Technical Physics I Lab		PHYS	2125	Computer Networking		CSCI 4335
Technical Physics II Lab		PHYS	2126	Formal Languages		CSCI 4341
Core LPC	3			Organization Programming Languages		CSCI 4342
Literary Genres		ENGL	2335	Computer Graphics		CSCI 4345
Introduction to Mythology		ENGL	2309	Cyber Security Concepts		CSCI 4347
British Literature to 1800		ENGL	2322	Data Analysis II		CSCI 4362
British Literature from 1800		ENGL	2323	Capstone Data Analysis		CSCI 4365
American Literature to 1865		ENGL	2327	AnyCourse	3	Any course offered by SFA
American Literature from 1865		ENGL	2328			
World Literature to 1650		ENGL	2332			
World Literature from 1650		ENGL	2333			
Introduction to Literature		ENGL	2341			
Western Civilization I		HIST	2311			
Western Civilization II		HIST	2312			
World Civilizations I		HIST	2321			
World Civilizations II		HIST	2322			
Introduction to Philosophy		PHIL	1301			
Introduction to World Religions		PHIL	1304			
Introduction to Ethics		PHIL	2306			