

**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	CSCI	1462	Introduction to Data Analytics OR Introduction to Probability and Statistics & 1 Elective Credit Hour	4
ECON	2301	Principles of Macroeconomics	3				
ENGL	1301	Rhetoric and Composition	3	MATH	1342		
HIST	1301	United States History I	3				
				MATH	1325	Elements of Calculus with Applications for Business	3
				ENGL	1302	Research and Argument	3
				HIST	1302	United States History II	3
Total Semester Hours			15	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
CSCI	2311	Event-Driven Programming	3	CSCI	3302	Data Structures	3
CSCI	2314	Computer Organization and Architecture	3	CSCI	3321	Client Server Web Programming	3
SPCH	1315	Public Speaking	3			CIS Gen. Bus. Elective	3
ACCT	2301	Principles of Financial Accounting	3	ENGL	2311	Technical and Scientific Writing	3
		Core Science	3			Core Science	3
		Core Slab	1			Core Slab	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	3323	Software Engineering	3	CSCI	3340	Application Software Microcomputers	3
		CSCI/CSIT 3000-4000	3			CSCI/CSIT 3000-4000	3
		CIS Gen. Bus. Elective	3	GOVT	2306	Texas Government	3
GOVT	2305	Federal Government	3	BLAW	3335	Business Law	3
		Core LPC	3			Core CA	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	4260	Senior Design I	2	CSCI	4270	Senior Design II	2
CSCI	4325	Database Management Systems	3			CSCI/CSIT 3000-4000	3
FINC	3369	Personal Finance	3			CIS Gen. Bus. Elective	3
		Elective	3			Elective	3
		Elective	3			Elective	2
Total Semester Hours			14	Total Semester Hours			13

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 CA</b>	<b>3</b>	
Classical and Modern Astronomy		ASTR	1303	Art Appreciation		ARTS 1301
Biology for Science Majors I		BIOL	1306	Art History I (Prehistoric to the 14th century)		ARTS 1303
Biology for Science Majors II		BIOL	1307	Art History II (14th Century to the present)		ARTS 1304
Biology for Non-Science Majors I		BIOL	1308	Dance Appreciation		DANC 2303
Biology for Non-Science Majors II		BIOL	1309	Theatre Appreciation		DRAM 1310
Anatomy and Physiology I		BIOL	2301	Film and Culture		DRAM 2366
Plant Form and Function		BIOL	2361	Intro to Music Literature		MUMH 1307
Local Flora or Fauna		BIOL	2381	Music Appreciation		MUSI 1306
Intro to Chemistry I		CHEM	1305	<b>CSCI/CSIT 3000-4000</b>	<b>3</b>	
General Chemistry I		CHEM	1311	Contemporary Programming Language		CSCI 3101
General Chemistry II		CHEM	1312	Object-Oriented Programming Methods		CSCI 3331
Chemistry and Society		CHEM	1371	Discrete Structures		CSCI 3333
Intro to Environmental Science		ENVR	1301	Principles of Operating Systems		CSCI 3341
Fundamentals of Earth Science		GEOL	1301	Algorithm Analysis		CSCI 3342
Introductory Geology		GEOL	1303	Contemporary Topics in Computer Science		CSCI 4101
Historical Geology		GEOL	1304	Whics in Computer Science		CSCI 4111
Cultivating Plants		HORT	1231	Applied Operations Research		CSCI 4321
Mechanics and Heat		PHYS	1301	Database Management Systems		CSCI 4325
Electricity, Sound and Light		PHYS	1302	Requirements Engineering and System Modeling		CSCI 4326
General Physics I		PHYS	1305	System Simulation and Model Building		CSCI 4331
General Physics II		PHYS	1307	Computer Networking		CSCI 4335
Fundamentals of Electronics		PHYS	1310	Organization Programming Languages		CSCI 4342
Technical Physics I		PHYS	2325	Computer Graphics		CSCI 4345
Technical Physics II		PHYS	2326	Special Problems		CSCI 4175
<b>Core Science Lab</b>	<b>1</b>			Data Analytics I		CSCI 3362
Classical and Modern Astronomy		ASTR	1103	Data Analysis II		CSCI 4362
Biology for Science Majors I		BIOL	1106	Capstone Data Analysis		CSCI 4365
Biology for Science Majors II		BIOL	1107	Internship in Computing		CSCI 3185
Biology for Non-Science Majors I		BIOL	1108	Internship in Information Technology		CSIT 3185
Biology for Non-Science Majors II		BIOL	1109	<b>Core LPC</b>	<b>3</b>	
Anatomy and Physiology I		BIOL	2101	Literary Genres		ENGL 2335
Plant Form and Function Lab		BIOL	2061	Introduction to Mythology		ENGL 2309
Local Flora or Fauna Lab		BIOL	2081	British Literature to 1800		ENGL 2322
Intro to Chemistry I Lab		CHEM	1105	British Literature from 1800		ENGL 2323
General Chemistry I Lab		CHEM	1111	American Literature to 1865		ENGL 2327
General Chemistry II Lab		CHEM	1112	American Literature from 1865		ENGL 2328
Conceptual Chemistry Lab		CHEM	1071	World Literature to 1650		ENGL 2332
Intro to Environmental Science Lab		ENVR	1101	World Literature from 1650		ENGL 2333
Fundamentals of Earth Science Lab		GEOL	1001	Introduction to Literature		ENGL 2341
Introductory Geology Lab		GEOL	1103	Western Civilization I		HIST 2311
Historical Geology Lab		GEOL	1104	Western Civilization II		HIST 2312
Cultivating Plants Lab		HORT	1131	World Civilizations I		HIST 2321
Mechanics and Heat Lab		PHYS	1101	World Civilizations II		HIST 2322
Electricity, Sound and Light Lab		PHYS	1102	Introduction to Philosophy		PHIL 1301
General Physics I Lab		PHYS	1105	Introduction to World Religions		PHIL 1304
General Physics II Lab		PHYS	1107	Introduction to Ethics		PHIL 2306
Fundamental of Electronics Lab		PHYS	1110			
Technical Physics I Lab		PHYS	2125			
Technical Physics II Lab		PHYS	2126			
<b>CIS Gen. Bus. Elective</b>	<b>3</b>					
Applied Statistics		ECON	3339			
Introduction to Financial Management		FINC	3333			