



# Bachelor of Science in Information Technology

Recommended 4-Year Course Sequence

2021-2022 Catalog

## FRESHMAN YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
COSC 1307	Introduction to Information Systems Software		3	COSC 1337	The Object-Oriented Paradigm		3
COSC 1315	Programming Fundamentals for Non-CS Majors		3	ENGL 1302	College Composition II		3
ENGL 1301	College Composition I		3	HIST 1302	United States History II		3
HIST 1301	United States History I		3	CMST 1315	Introduction to Public Speaking		3
	Mathematics		3		Social and Behavioral Science		3
			15				15

## SOPHOMORE YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
COSC 2315	Computer Organization		3	COSC 3385	Database Design		3
POLS 2305	Introductory American Government		3	POLS 2306	Introductory Texas Politics		3
	Language, Philosophy and Culture		3		STEM		3
	Creative Arts		3		Life and Physical Sciences		3
	Life and Physical Sciences		3		COSC Prescribed Track Elective		3
			15				15

## JUNIOR YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
MANA 3370	Business Writing and Oral Presentations		3	COSC 3315	Social and Professional Issues in Computing		3
COSC 4325	Data Communications and Computer Networks		3		COSC Prescribed Track Elective		3
	COSC Prescribed Track Elective		3		COSC Prescribed Track Elective		3
	COSC Prescribed Track Elective		3		Approved Lower/Upper-Division Elective		3
			3		Approved Lower/Upper-Division Elective		3
			15				15

## SENIOR YEAR

Fall				Spring			
Course #	Title	Prerequisites	Hours	Course #	Title	Prerequisites	Hours
COSC 4362	Retail Cyber Security		3	CSCI 4385	Information Technology Capstone		3
	COSC Prescribed Track Elective		3		COSC Prescribed Track Elective		3
	COSC Prescribed Track Elective		3		Approved Lower/Upper-Division Elective		3
	Approved Lower/Upper-Division Elective		3		Approved Lower/Upper-Division Elective		3
	Approved Lower/Upper-Division Elective		3		Approved Lower/Upper-Division Elective		3
			15				15

Total Credit Hours 120