Bachelor of Science in Computer Information Systems
Recommended 4-Year Course Sequence
2020-2021 Catalog

UTTyler SOULES COLLEGE OF BUSINESS

FRESHMAN YEAR

Fall				Spring			
Course #	**Title**	**Prerequisites**	**Hours**	**Course #**	**Title**	**Prerequisites**	**Hours**
COSC 1315	Programming Fundamentals for Non-CS Majors		3	COSC 1337	The Object-Oriented Paradigm		3
COSC 1307	Intro to Info Systems Software		3	MANA 1300	Introduction to Business		3
MATH 1342	Statistics		3	MATH 1343	Statistics II		3
ENGL 1301	College Composition I		3	ENGL 1302	College Composition II		3
HIST 1301	United States History I		3	HIST 1302	United States History II		3
			15				15

SOPHOMORE YEAR

Fall				Spring			
Course #	**Title**	**Prerequisites**	**Hours**	**Course #**	**Title**	**Prerequisites**	**Hours**
ACCT 2301	Principles of Financial Accounting		3	ACCT 2302	Principles of Managerial Accounting		3
ECON 2301	Principles of Macroeconomics		3	ECON 2302	Principles of Microeconomics		3
CMST 1315	Introduction to Public Speaking		3	COSC 3385	Database Design		3
COSC 3333	Management Information Systems		3	MANA 3300	Critical and Analytical Thinking in Business		3
	Life and Physical Sciences		3		Life and Physical Sciences		3
			15				15

JUNIOR YEAR

Fall				Spring			
Course #	**Title**	**Prerequisites**	**Hours**	**Course #**	**Title**	**Prerequisites**	**Hours**
BLAW 3301	Business Law and Social Responsibility		3	MANA 3370	Business Writing and Oral Presentations		3
COSC 4325	Data Communications and Computer Networks		3	MARK 3311	Principles of Marketing		3
FINA 3311	Principles of Finance		3	MANA 3305	Operations Management		3
COSC 3375	Analysis and Logical Design		3	MANA 3311	Fundamentals of Management		3
	Upper-Division Elective		3		Upper-Division Elective		3
			15				15

SENIOR YEAR

Fall				Spring			
Course #	**Title**	**Prerequisites**	**Hours**	**Course #**	**Title**	**Prerequisites**	**Hours**
MANA 3312	International Business		3	COSC 4375	Information Systems Design Project		3
POLS 2305	Introductory American Government		3	MANA 4395	Strategic Management		3
COSC 4362	Retail Cyber Security		3	POLS 2306	Introductory Texas Politics		3
COSC 4347	Business Intelligence and Analysis		3		Language, Philosophy and Culture		3
	Upper-Division Elective		3		Creative Arts		3
			15				15

	Total Credit Hours	**120**