



**Bachelor of Science in Computer Information Systems**  
 Recommended 4-Year Course Sequence  
 2018-2019 Catalog



FRESHMAN YEAR							
Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
ENGL 1301		Composition I	3	EDUC 1300		Learning Framework	3
HIST 1301		United States History I	3	HIST 1302		United States History II	3
ECON 2301		Principles of Macroeconomics	3	GOVT 2306		Texas Government	3
GOVT 2305		Federal Government	3	ECON 2302		Principles of Microeconomics	3
XXXX x3xx		Creative Arts Course	3	XXXX x3xx		Language, Philosophy, and Culture Course	3
			15				15
SOPHOMORE YEAR							
Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
XXXX x4xx		Life and Physical Science Course	4	SPCH 1315		Public Speaking	3
BCIS 1405		Business Computer Applications	4	XXXX x4xx		Life and Physical Science Course	4
ENGL 1302		Composition II	3	MATH 1342		Elementary Statistics I	3
COSC 1336		Programming Fundamentals I	3	COSC 1337		Programming Fundamentals II	3
ACCT 2301		Principles of Financial Accounting	3	ACCT 2302		Principles of Managerial Accounting	3
			17				16
JUNIOR YEAR							
Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	MATH 1343	Elementary Statistics II	3		MANA 3311	Fundamentals of Management	3
	MANA 1300	Introduction to Management	3		FINA 3311	Principles of Finance	3
	MARK 3311	Principles of Marketing	3		COSC 3385	Database Design	3
	COSC 4325	Data Communications and Computer Networks	3		MANA 3370	Business Writing and Oral Presentations	3
	COSC 3375	Analysis and Logical Design	3		MANA 3305	Operations Management	3
			15				15
SENIOR YEAR							
Fall				Spring			
TJC	UT Tyler	Title	Hours	TJC	UT Tyler	Title	Hours
	COSC 3333	Management Information Systems	3		MANA 4395	Strategic Management	3
	MANA 3300	Critical and Analytical Thinking in Business	3		COSC 4375	Information Systems Design Project	3
	COSC 33xx/43xx	Upper-Division COSC Elective	3		MANA 3312	International Business	3
	COSC 33xx/43xx	Upper-Division COSC Elective	3		COSC 33xx/43xx	Upper-Division COSC Elective	3
	COSC 4347	Business Intelligence and Analysis	3		BLAW 3301	Business Law and Social Responsibility	3
	COSC 4362	Retail Cyber Security	3				
			18				15
<b>Total Credit Hours at Tyler Junior College</b>							<b>63</b>
<b>Total Credit Hours at UT Tyler</b>							<b>63</b>
<b>Total Credit Hours</b>							<b>126</b>