PROJECTED Rolling Schedule for BS - Information Technology			Course Offerings Effective 2020-2022					
MAJOR	Pre req(s). needed*	Course Title	FALL 2022	SPRING 2023	SUMMER 2023	FALL 2023	SPRING 2024	SUMMER 2024
COSC 1307		Introduction to Information Systems Software	X	X	X	X	X	X
COSC 1315		Programming Fundamentals for Non CS Majors	X	X		X	X	
COSC 1337	X	Object Oriented Paradigm	X	X		X	X	
COSC 2315	X	Computer Organization	X	X		X	X	
COSC 3315	X	Social and Professional Issues	X	X		X	X	
COSC 3385	X	Database Design		X			X	
MANA 3370		Business Writing and Oral Presentations	X	X	X	X	X	X
COSC 4325		Data Com & Comp Networks	X			X		
COSC 4362	X	Retail Cyber Security	X			X		
CSCI 4385	X	IT Capstone Course	X	X		X	X	

TRACK ELECTIVES	Pre req(s). needed*	Course Title	FALL 2022	SPRING 2023	SUMMER 2023	FALL 2023	SPRING 2024	SUMMER 2024	TRACK
COSC 2336	X	Data Structures	X	X		X	X		5
COSC 3325	X	Algorithm Analysis and Foundations	X			X			4
COSC 3331	X	E-Commerce Programming	X						Elective
COSC 3333	X	Management Information Systems	X	X	X	X	X	X	Elective
COSC 3345	X	Computer Architecture	X			X			3
COSC 3355	X	Operating Systems		X			X		3
COSC 4312	X	ERP Architecture Using SAP	X						Elective
COSC 4315	X	Information And Knowledge Management		X			X		4
COSC 4327	X	Unix Shell Programming				X			Elective
COSC 4336	X	Software Development	X			X			4
COSC 4342	X	Sports Data Analytics				X			2
COSC 4345	X	Computer Graphics				X			4
COSC 4347	X	Business Intelligence and Analysis		X			X		2
CSCI 4332	X	Modern Programming	TBD based on staffing availabilty and programmatic needs						4
CSCI 4350	X	Machine Learning		X					4
CSCI 4362	X	Ethical Hacking	TBD based on staffing availabilty and programmatic needs						1
COSC 4352	X	Data Mining	X			X			5
COSC 4356	X	Computer Vision					X		4
COSC 4360	X	Net Centric Computing (IT must have completed COSC 4325)	X			X			3
COSC 4361		Retail Cybersecurity Management		X			X		1
COSC 4363		Contingency Planning	X						1
COSC 4364	X	Cyber Risk Analysis					X		1
COSC 4367	X	Cryptography	X			X			1
COSC 4370	X	Undergraduate Internship Program			X			X	Elective
COSC 4373	X	Adv. Database Management Concepts	TBD based on staffing availabilty and programmatic needs						5
COSC 4381	X	Seminar in Computer Science (Can repeat once - different topics)	TBD based on staffing availabilty and programmatic needs						Elective
COSC 4385	X	Database Management Concepts (IT must have completed 3385)		X			X		5
COSC 4388	X	Digital Forensics	TBD based on staffing availabilty and programmatic needs						1
MARK 3311		Principles of Marketing	X	X	X	X	X	X	2
MARK 4340	X	Consumer Insights							2
MANA 3311		Fundamentals of Management	X	X	X	X	X	X	6
MANA 3325		Entrepreneurship							6
MANA 4320		New Venture Planning							6

EXPLANATION OF ELECTIVES ON INFORMATION TECHNOLOGY DEGREE PLAN
Prescribed Track Electives: Any course listed under one of the 6 Tracks
Upper/Lower Division Elective: Any course that is 1000, 2000, 3000, or 4000 level. Prerequsite courses to track electives may come out of these electives.
Electives can change by semester. You must check the course catalog and you can NOT search by "Elective" you can only search by the Subject or Field (Accounting, Psychology, Mathematics, etc.)

*See Academic Catalog for prerequisites.

NOTE- Rolling schedule is subject to change without notice. This is not your degree plan; this is just a tool to be used in conjunction with your degree plan and Academic Catalog.

Some track course offerings are subject to change dependent on staffing availability and programmatic needs

Registration dates: Fall-April 1st, Spring-November 1st, Summer-February 1st.   Dates are subject to University schedule.