

PROJECTED Rolling Schedule for BS - Information Technology		Course Offerings Effective 2020-2022					
MAJOR	Course Title	FALL 2024	SPRING 2025	SUMMER 2025	FALL 2025	SPRING 2026	SUMMER 2026
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	Object Oriented Paradigm	X	X		X	X	
COSC 2315	Computer Organization	X	X	X	X	X	X
COSC 3315	Social and Professional Issues	X	X		X	X	
COSC 3385	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	Retail Cyber Security	X			X		
CSCI 4385	IT Capstone Course	X	X		X	X	

TRACK ELECTIVES	Course Title	FALL 2024	SPRING 2025	SUMMER 2025	FALL 2025	SPRING 2026	SUMMER 2026	TRACK
COSC 4361	Retail Cybersecurity Management		X			X		1
COSC 4363	Contingency Planning	X						1
COSC 4364	Cyber Risk Analysis				X			1
COSC 4367	Cryptography			X			X	1
COSC 4388	Digital Forensics		X					1
CSCI 4362	Ethical Hacking	X						1
CSCI 4363	Reverse Engineering and Malware Analysis					X		1
COSC 4342	Sports Data Analytics	X						2
COSC 4347	Business Intelligence and Analysis		X			X		2
MARK 3311	Principles of Marketing	X	X	X	X	X	X	2
MARK 4340	Consumer Insights	X	X		X	X		2
COSC 3345	Computer Architecture	X			X			3
COSC 3355	Operating Systems		X			X		3
COSC 4360	Net Centric Computing (IT must have completed COSC 4325)	X			X			3
CSCI 4333	Assembly Language Programming							
COSC 3325	Algorithm Analysis and Foundations	X			X			4
COSC 4327	Unix Shell Programming					X		Elective
COSC 4336	Software Development	X			X			4
COSC 4340	Programming Languages				X			4
COSC 4345	Computer Graphics	X						4
COSC 4356	Computer Vision					X		4
COSC 4377	Compiler Techniques		X					
CSCI 4320	Computational Theory							4
CSCI 4332	Modern Programming							4
CSCI 4350	Machine Learning	X				X		4
CSCI 4351	Deep Learning				X			4
COSC 2336	Data Structures	X	X		X	X		5
COSC 4315	Information And Knowledge Management		X			X		5
COSC 4352	Data Mining		X		X			5
COSC 4385	Database Management Concepts (IT must have completed 3385)		X			X		5
COSC 4373	Adv. Database Management Concepts							5
MANA 3311	Fundamentals of Management	X	X	X	X	X	X	6
MANA 3325	Entrepreneurship							6
MANA 4320	New Venture Planning							6
COSC 3333	Management Information Systems	X	X	X	X	X	X	Elective
CSCI 3325	Video Game Development I	X	X		X	X		Elective
CSCI 3326	Video Game Development II	X	X		X	X		Elective
COSC 4370	Undergraduate Internship Program	X	X	X	X	X	X	Elective
COSC 4381	Seminar in Computer Science (Can repeat once - different topics)							Elective

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. Prerequisite 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.