

Bachelor of Science in Information Technology

Long Term Schedule

Please Note: This is a tentative schedule and is subject to change based on demand and instructor availability.

PREREQUISITES

Course #	Course Title	Prerequisites/Notes	Summer '20	Fall '20	Winter '21	Spring '21
MATH 201	Calculus I	College Algebra & Pre-Calculus		X		

Prerequisite courses to Math 201 include College Algebra and Pre-Calculus – which require lower level Math prerequisite courses

SUPPORTIVE REQUIREMENTS

Course #	Course Title	Prerequisites/Notes	Summer '20	Fall '20	Winter '21	Spring '21
BUS 270	Business Statistics	College Algebra or BUS 274	X	X	X	X
BUS 343	Foundations of Business Ethics	CSWA/LVWA	X	X	X	X
CMPS 200	Information Technology		X			

Please contact your Academic Advisor on the above supportive requirements to determine if they can be met with previous coursework or experience.

REQUIRED MAJOR CORE COURSES (During academic year 2019-2020)

Course #	Course Title	Prerequisites/Notes	Summer '20	Fall '20	Winter '21	Spring '21
CMPS 218	Publishing on the Web I	LVCS				
MATH 327	Discrete Mathematics	Calculus			X	
CMPS 301	Programming Concepts			X		
CMPS 302	Digital Society		X			
CMPS 367	Object Oriented Language C++	CMPS 301				
CMPS 368	Principles of Computer Networks					
CMPS 410	Management Information Systems	LVWB	X	X	X	X
CMPS 375	Systems Analysis and Design	BUS/CMPS 410 (preferred)		X		
CMPS 392	Project Management	CMPS 375				
CMPS 420	Cyber Security	CMPS 367 or CMPS 368				

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CMPS 218	Publishing on the Web I	LVCS				
MATH 327	Discrete Mathematics	Calculus			X	
CMPS 471	Internship	Jr/Sr standing & approval				
CMPS 490	Database Management Systems	CMPS 367 or CMPS 375				
CMPS 491	System Architecture					
CMPS 499	Senior Project	All core courses				

BUS 274 can be used to fulfill their College Algebra requirement.