Tentative: Course offerings are subject to change.

Course #	Course Name	Credits	Summer 22	Fall 22	Winter 23	Spring 23	Summer 23	Fall 23	Winter 24	Spring 24	Notes
CPSC 1000	Introduction to Computer Science	2	X	X	X		X				
CPSC 1100	Intro to Computers and Applications	5									Retired due to low enrollment
CPSC 1220	Data-driven Problem Solving and Prog.	5	X	X	X		X	X	X		
CPSC 1230	Programming and Data Types	5		X				X	X		
CPSC 1420	Programming and Problem Solving I	5	X	X			X	X			
CPSC 1430	Programming and Problem Solving II	5	X	X	X		X	X	X		
CPSC 2300	Introduction to Databases	5		X				X			(Non-major course) For non-CS students pursuing the data science minor
CPSC 2430	Data Structures	5	X	X	X		X	X	X		
CPSC 2500	Computer Organization	5	X	X	X		X	X	X		
CPSC 2600	Foundations of Computer Science	5	X	X	X		X	X	X		
CPSC 3200	Object-Oriented Development	5	X	X	X		X	X	X		
CPSC 3300	Fundamentals of Databases	5	X	X	X		X	X	X		
CPSC 3400	Languages and Computation	5		X	X			X	X		
CPSC 3500	Computing Systems	5		X	X			X	X		
CPSC 3700	The Art of Web Design	5			X				X		
CPSC 4100	Design and Analysis of Algorithms	5	X	X			X	X			
CPSC 4210	Software Testing and Debugging	5						X			
CPSC 4220	User Experience Design	5	X				X				
CPSC 4240	Software as a Service	5		X				X			
CPSC 4250	Mobile Software Development	5			X				X		
CPSC 4260	Refactoring and Software Design	5			X						
CPSC 4270	Graphics / Game Project	5					X				
CPSC 4300	Physical Database Design & Optimization	5			X						Interested students can take CPSC 5300
CPSC 4310	Machine Learning	5			X				X		
CPSC 4330	Big Data Analytics	5		X					X		
CPSC 4400	Compiler Principles & Techniques	5									Interested students can take CPSC 5400
CPSC 4510	Computer Networks	5			X				X		
CPSC 4520	Distributed Systems	5									Interested students can take CPSC 5520
CPSC 4530	Embedded Systems	5									
CPSC 4600	Parallel Computing	5									Interested students can take CPSC 5600
CPSC 4610	Artificial Intelligence	5		X				X			
CPSC 4700	Computer Graphics	5	X						X		
CPSC 4710	Security in Computing	5		X				X			
CPSC 4800	Technical Comm. and Project Mgmt.	3	X				X				
CPSC 4870	Software Engr. and Project Development I	5	X				X				
CPSC 4880	Software Engr. and Project Development II	3		X				X			
CPSC 4890	Software Engr. and Project Development III	3			X				X		
CPSC 4910	Special Topics: Cloud Computing						X				
CPSC 4910	Special Topics: Web Development	5		X					X		

Please see catalog for course prerequisites.