Long-term course scheduling: (Key: X=F2F, F=Frisco, I=Internet course, R = required or core, E = elective)

Class	Fall		Spring		Summer	GradTrack
	even	odd	even	odd		
CSCE 1010 - Discovering Computer Science	x	x	X	X	X	
CSCE 1015 - Computing Tools and Techniques Laboratory	x	x	x	x	x	
CSCE 1030 - Computer Science I	x, f	x, f	x, f	x, f	x, f	
CSCE 1040 - Computer Science II	X, F	X, F	X, F	X, F	X, F	
CSCE 2100 - Foundations of Computing	X, F	X, F	X, F	X, F	X, F	
CSCE 2110 - Foundations of Data Structures	X, F	X, F	X, F	X, F	X, F	
CSCE 2120 - Foundations of Computing: Vectors and Matrices	x, f	x	X, F	x	x	
CSCE 2130 - Foundations of Computing: Analysis and Modeling	X,F	x	X,F	x	x	
CSCE 2210 - Introduction to Visual Scripting for Games	X	X	X	X		
CSCE 2610 - Assembly Language and Computer Organization	x I	x I	x F	x F	x I	
CSCE 2900 - Special Problems in Computer Science and Engineering						
CSCE 2996 - Honors College Mentored Research Experience						
CSCE 3010 - Signals and Systems	x	x				
CSCE 3020 - Communications Systems			x	x		
CSCE 3055 - IT Project Management	x I	x I	x F	x F		
CSCE 3201 - Applied Artificial Intelligence	X, I	X, I	I	I	I	
CSCE 3210 - Symbolic Processing						
CSCE 3214 - Software Development for Artificial Intelligence	I	I	X, I	X, I		
CSCE 3220 - Human Computer Interfaces	x I	x I	x F	x F		
CSCE 3222 - AI for Game Development	X	X				
CSCE 3410 - Advanced Programming						
CSCE 3420 - Internet Programming	X I	x I	x F	x F		
CSCE 3444 - Software Engineering	x I	x I	x F	x F	x	
CSCE 3450 - Global Software Development						
CSCE 3520 - Data Communications						
CSCE 3530 - Introduction to Computer Networks	x I	x I	x F	x F	I	
CSCE 3550 - Foundations of Cybersecurity	x F	x F	x I	x I	I	
CSCE 3560 - Computer Systems Security			x	x		
CSCE 3600 - Principles of Systems Programming	x I	x I	x, I F	x, I F	I	
CSCE 3605 - Systems Administration	x F	x F	x I	x I	I	
CSCE 3610 - Introduction to Computer Architecture			X	X		
CSCE 3612 - Embedded Systems Design			x	x		
CSCE 3730 - Reconfigurable Logic	x	x				
CSCE 3850 - Introduction to Computational Life Science				X		
CSCE 3996 - Honors College Mentored Research Experience						
CSCE 4010 - Social Issues in Computing	x F	x F	x I	x I	x	
CSCE 4050 - Applications of Cryptography			x	x		
CSCE 4110 - Algorithms	x F	x F	x	x	x	
CSCE 4115 - Formal Languages, Automata and Computability	x	x				
CSCE 4160 - Parallel Programming			X	X		
CSCE 4200 - Web Search and Information Retrieval	x	x				
CSCE 4201 - Introduction to Artificial Intelligence	X	I	I	X	I	
CSCE 4205 - Introduction to Machine Learning	x	x	x I	x, I	I	
CSCE 4210 - Game Programming I	x	x				
CSCE 4220 - Game Programming II			x	x		
CSCE 4230 - Introduction to Computer Graphics		X				
CSCE 4240 - Introduction to Digital Image Processing			x	x		
CSCE 4250 - Topics in Game Development			x	x		
CSCE 4255 - Programming Math and Physics for Games	x	x				
CSCE 4290 - Introduction to Natural Language Processing	x	x	I	I	I	
CSCE 4300 - Intro to Big Data and Data Science	X	X	I	I	I	

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Class	Fall even	Fall odd	Spring even	Spring odd	Summer	GradTrack
CSCE 4350 - Fundamentals of Database Systems	x F	x F	x I	x I	I	
CSCE 4355 - Database Administration	x I	x I	x F	x F		
CSCE 4357 - Database Systems Security			x	x		
CSCE 4380 - Data Mining	I	I	x	x	I	
CSCE 4430 - Programming Languages	x	x	F	F		
CSCE 4440 - Real-Time Software Development						
CSCE 4460 - Software Testing and Empirical Methodologies			x	x		
CSCE 4510 - Introduction to Wireless Communications						
CSCE 4520 - Wireless Networks and Protocols	x	x				
CSCE 4530 - Computer Network Design						
CSCE 4535 - Introduction to Network Administration	x I	x I	x	x F		
CSCE 4540 - TCP/IP Protocols						
CSCE 4555 - Computer Forensics	x	x	x	x		
CSCE 4560 - Secure Electronic Commerce	I	I	X, F	X, F		
CSCE 4565 - Secure Software Systems	X	X	X	X		
CSCE 4570 - Information Privacy	x	x				
CSCE 4575 - Blockchain and Applications	x	x				
CSCE 4600 - Introduction to Operating Systems	F	F	x I	I	I	
CSCE 4610 - Computer Architecture			x	x		
CSCE 4620 - Real-Time Operating Systems	x	x				
CSCE 4650 - Introduction to Compilation Techniques			x	x		
CSCE 4655 - Principles of Compiler Optimization						
CSCE 4665 - Usability Testing in Software Engineering	I					
CSCE 4730 - VLSI Design	x	x				
CSCE 4750 - VLSI Testing						
CSCE 4810 - Biocomputing	x	x				
CSCE 4820 - Computational Epidemiology			x			
CSCE 4890 - Directed Study						
CSCE 4901 - Software Development Capstone I	x	x	F	F		
CSCE 4902 - Software Development Capstone II	F	F	x	x		
CSCE 4905 - Information Technology Capstone I	x	x I	F	F		
CSCE 4907 - Cybersecurity Capstone I	x	x				
CSCE 4910 - Computer Engineering Design I	x	x				
CSCE 4915 - Computer Engineering Design II			x	x		
CSCE 4920 - Cooperative Education in Computer Science and Engineering	x	x	x	x	x	
CSCE 4925 - Information Technology Capstone II	F	F	x I	x		
CSCE 4927 - Cybersecurity Capstone II			x	x		
CSCE 4930 - Topics in Computer Science and Engineering						
CSCE 4940 - Special Computer Application Problem						
CSCE 4950 - Special Problems in Computer Science and Engineering						
CSCE 4951 - Honors College Capstone Thesis						
CSCE 4999 - Senior Thesis						
CSCE 5050 - Applications of Cryptography			x	x		Y
CSCE 5100 - Theory of Computation						
CSCE 5150 - Analysis of Computer Algorithms	x	x	I	I	I	Y
CSCE 5160 - Parallel Processing and Algorithms			x	x		Y
CSCE 5170 - Graph Theory			x	x		
CSCE 5200 - Information Retrieval and Web Search	I	I			I	Y
CSCE 5210 - Fundamentals of Artificial Intelligence	x	x	x, I	x, I	I	Y
CSCE 5213 - Modeling and Simulation						
CSCE 5214 - Software Development for Artificial Intelligence	x, I	x, I	x, I	x, I	I	?

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Class	Fall		Spring		Summer	GradTrack
	even	odd	even	odd		
CSCE 5215 - Machine Learning	x, I	x, I	x, I	x, I	I	Y
CSCE 5216 - Pattern Recognition						
CSCE 5218 - Deep Learning	x, I	x, I	x, I	x, I		
CSCE 5220 - Computer Graphics		X				?
CSCE 5222 - Feature Engineering	x, I	x, I	x, I	x, I	I	
CSCE 5225 - Digital Image Processing	I	I	x	x		Y
CSCE 5230 - Methods of Numerical Computations			x	x		
CSCE 5250 - Introduction to Game Programming	x	x				?
CSCE 5255 - Programming Math and Physics for Games	x	x				?
CSCE 5260 - 3D Game Programming			x	x		Y
CSCE 5265 - Advanced Topics in Game Development	x	x				Y
CSCE 5266 - Game Programming Project 1						
CSCE 5267 - Game Programming Project 2						
CSCE 5270 - Computer-Human Interfaces		x				?
CSCE 5280 - AI for Wearables and Healthcare	x					
CSCE 5290 - Natural Language Processing	x, I	x, I	x	x		Y
CSCE 5300 - Introduction to Big Data and Data Science	x, I	x, I	x, I	x, I	I	?
CSCE 5310 - Methods in Empirical Analysis	x	x	x	x		
CSCE 5320 - Scientific Data Visualization	x	x	x, I	x, I		Y
CSCE 5350 - Fundamentals of Database Systems	x, I	x, I	x	x		Y
CSCE 5360 - Implementations and Practices of Database Systems						
CSCE 5370 - Distributed and Parallel Database Systems	x	x				
CSCE 5380 - Data Mining	x, I	x, I	x, I	x, I	I	Y
CSCE 5390 - Multimedia Computing	x	x				Y
CSCE 5400 - Formal Languages, Automata and Computability	x	x				Y
CSCE 5411 - Non-Numeric Programming						
CSCE 5412 - Foundations of Logic Programming						
CSCE 5420 - Software Development						
CSCE 5430 - Software Engineering	x, I	x, I	x, I	x, I	I	Y
CSCE 5440 - Real-Time Software Development			x	x		
CSCE 5450 - Programming Languages			x	x		?
CSCE 5460 - Software Testing and Empirical Methodologies			x	x		Y
CSCE 5465 - Usability Testing in Software Engineering	I	I			I	?
CSCE 5510 - Wireless Communications						
CSCE 5520 - Wireless Networks and Protocols	x, I	x,I	x	x		Y
CSCE 5530 - Computer Network Design						
CSCE 5540 - Introduction to Sensor Networks						
CSCE 5550 - Introduction to Computer Security	x	x	x	x		Y
CSCE 5552 - Cybersecurity Essentials	x	x	x	x		
CSCE 5555 - Computer Forensics	x	x	x	x		
CSCE 5560 - Secure Electronic Commerce			x	x		Y
CSCE 5562 - Cloud Security			x	x		?
CSCE 5565 - Secure Software Systems	x	x	x	x		?
CSCE 5575 - Blockchain and applications	x	x				?
CSCE 5580 - Computer Networks	x, I	x, I	x, I	x, I		?
CSCE 5585 - Advanced Network Security	x	x				?
CSCE 5610 - Computer System Architecture	x	x	x	x		Y
CSCE 5612 - Embedded Hardware/Software Design			x	x		
CSCE 5615 - Networks-on-Chip				x		
CSCE 5620 - Real-Time Operating Systems	x	x				Y
CSCE 5640 - Operating System Design	x	x	I	I		Y

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	Fall		Spring		Summer	GradTrack
Class	**even**	**odd**	**even**	**odd**		
CSCE 5650 - Compiler Design			x	x		Y
CSCE 5655 - Principles of Compiler Optimization						
CSCE 5680 - Distributed Systems						
CSCE 5730 - Digital CMOS VLSI Design	x	x				
CSCE 5740 - Topics in Modern Electronic System Design			x	x		
CSCE 5760 - Design for Fault Tolerance			x	x		
CSCE 5810 - Biocomputing	x	x				?
CSCE 5820 - Computational Epidemiology			x			?
CSCE 5900 - Special Problems						
CSCE 5932 - Internship	x	x	x	x	x	
CSCE 5933 - Topics in Computer Science and Engineering			x	x		
CSCE 5934 - Directed Study						
CSCE 5935 - CSE Research and Professionalism Overview						
CSCE 5950 - Master's Thesis	x		x			
CSCE 6050 - Advanced Topics in Cryptography						
CSCE 6213 - Advanced Topics in Modeling and Simulation						
CSCE 6260 - Advanced Topics in Pattern Recognition and Image Processing		x	x			
CSCE 6270 - Advanced Topics in Human-Computer Interaction Research	x	x	x	x		
CSCE 6280 - Advanced Topics in Artificial Intelligence	x	x	x	x		
CSCE 6290 - Advanced Topics in Human/Machine Intelligence		x	x	x		
CSCE 6350 - Advanced Topics in Database Systems						
CSCE 6370 - Advanced Topics in Multimedia Database Systems						
CSCE 6420 - Advanced Topics in Software Engineering			x	x		
CSCE 6450 - Advanced Topics in Programming Languages						
CSCE 6581 - Advanced Topics in Computer Networks				x		
CSCE 6585 - Advanced Topics in Network Security	x	x				
CSCE 6590 - Advanced Topics in Wireless Communications and Networks						
CSCE 6610 - Advanced Topics in Computer Architecture		x	x			
CSCE 6620 - Advanced Topics in Real-Time Operating Systems						
CSCE 6640 - Advanced Topics in Operating Systems		x				
CSCE 6650 - Advanced Topics in Compiler Techniques						
CSCE 6731 - Advanced Topics in VLSI Systems				x		
CSCE 6810 - Advanced Topics in Computational Life Science	x		x			
CSCE 6900 - Special Problems						
CSCE 6933 - Advanced Topics in Computer Science and Engineering		x	x	x		
CSCE 6940 - Individual Research						
CSCE 6950 - Doctoral Dissertation						