

Course (Department, Number, Title)	Theory	Cyber	KD	HPC	Fall 2025	Spring 2026	Fall 2026	Spring 2027	Fall 2027	Spring 2028
CSC 6240 Mathematics and Theory of Machine Learning	SE									
CSC 6400 Advanced Analysis of Algorithms	SE					x		x		x
CSC 6450 Adv Theory of Computation	SE						x			
CSC 6210 Applications in Machine Learning			SE				x		x	
CSC 6220 Advanced Data Mining and Machine Learning			SE			x		x		x
CSC 6250 Reinforcement Learning			SE			x				x
CSC 6260 Advanced Topics in Artificial Intelligence			SE							
CSC 6270 Advanced Deep Learning			SE		x		x			
CSC 7210 Anomaly and Intrusion Detection Systems**			SE				x			
CSC 7220 Trustworthy Artificial Intelligence			SE		x				x	
CSC 7230 Large Language Models			SE			x				x
CSC 7250 Federated Learning			SE					x		
CSC 6570 Cloud Security Fundamentals and Practice		SE				x		x		
CSC 6575 Internet Security		SE			x		x		x	
CSC 6580 Advanced Reverse Engineering		SE			x		x		x	
CSC 6585 Secure Software Development		SE				x				
CSC 6590 Application Security		SE				x		x		x
CSC 7570 A.I. Assisted Cyber		SE			x		x		x	
CSC 7575 Security Topics in Cyber Physical Systems**		SE						x		
CSC 6730 Advanced Networking				SE		x			x	
CSC 6740 Parallel and Distributed Algorithms				SE			x			x
CSC 6780 Distributed Computing				SE	x			x		
CSC 7560 Advanced Networking and Next Gen Internet Protocols **				SE		x				
CSC 7720 Distributed Operating Systems **				SE						x
CSC 7750 Topics in High Performance Computing **				SE				x		
CSC 6903 Special Topics					x	x	x	x	x	x
CSC 7xxx - Special Topics - Social Eng.					x				x	
CSC 7xxx - Special Topics - Algorithms									x	
CSC 6xxx - Special Topics - Privacy					x		x		x	
CSC 6xxx - Special Topics - Blockchain								x		
CSC6xxx – Special Topics –Randomized Algorithms					x					x

SE = Specialization Area

This schedule is tentative and may change.