

Course/Title		Semesters offered	Majors/Restrictions	Notes
CS	6035	Intro To Info Security	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6035 and CS 4235
CS	6150	Computing For Good	Spring 22, Fall 22, Spring 23	
CS	6200	Graduate Intro to OS	Spring 22, Fall 22, Spring 23	
CS	6210	Adv Operating Systems	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6210 and CS 4210
CS	6238	Secure Computer Systems	Spring 22, Fall 22, Spring 23	
CS	6241	Compiler Design	Spring 22, Fall 22, Spring 23	
CS	6250	Computer Networks	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6250 and CS 6380
CS	6260	Applied Cryptography	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6260 and ECE 6280
CS	6262	Network Security	Spring 22, Fall 22, Spring 23	
CS	6263	Intro Cyber Phys Sys Sec	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6263 ECE 8813 (ECE 8803 O11) Cyber-Physical Sys Security
CS	6264	Infosec Labs: Defenses	Spring 22, Fall 22, Spring 23	
CS	6265	Info Sec Lab Binexp	Spring 22, Fall 22, Spring 23	
CS	6290	High Perform Comput Arch	Spring 22, Fall 22, Spring 23	Receive credit for only one of CS 6290/4290, ECE 4100/6100
CS	6291	Embedded Software Opt.	Spring 23	Offered online only
CS	6300	Software Dev Process	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6300, CS 6301, and CS 6144
CS	6310	Software Arch & Design	Spring 22, Fall 22, Spring 23	
CS	6340	Software Analysis & Test	Spring 22, Fall 22, Spring 23	
CS	6365	Intro Enterprise Comput.	Spring 22, Fall 22, Spring 23	
CS	6390	Programming Languages	Spring 22, Fall 22, Spring 23	
CS	6400	DB Sys Concepts& Design	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6400 and CS 6450
CS	6440	Intro Health Informatics	Spring 22, Fall 22, Spring 23	
CS	6457	Video Game Design	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6457, CS 4455 or CS 6397
CS	6460	Educ Tech-Foundations	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6460 and CS 4660
CS	6470	Online Communities	Spring 22, Fall 22, Spring 23	
CS	6471	Comp Social Science	Spring 22, Fall 22, Spring 23	
CS	6474	Social Computing	Spring 22, Fall 22, Spring 23	
CS	6475	Comp. Photography	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6475, CS 4475, and 4495
CS	6476	Computer Vision	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6476 and CS 4476
CS	6491	Computer Graphics	Spring 22, Fall 22, Spring 23	
CS	6497	Comp Aesthetics	Spring 22, Fall 22, Spring 23	
CS	6515	Intro to Grad Algorithms	Spring 22, Fall 22, Spring 23	Receive credit for only one of CS 6515, CS 4540, CSE 6140
CS	6550	Design& Analy-Algorithms	Spring 22, Fall 22, Spring 23	
CS	6601	Artificial Intelligence	Spring 22, Fall 22, Spring 23	
CS	6603	AI Ethics Society	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6603 and CS 4803 Big Data & Society- Misuse, Abuse
CS	6675	Advance Internet Comput	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6675 and CS 4675
CS	6725	Info Security Policies	Spring 22, Fall 22, Spring 23	
CS	6727	Cyber Sec Practicum	Spring 22, Fall 22, Spring 23	
CS	6747	ADV Malware Analysis	Spring 22, Fall 22, Spring 23	
CS	6750	Human-Computer Interact	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6750 and PSYC 6750
CS	6795	Intro-Cognitive Science	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 6795, ISYE 6795 or PSYC 6795
CS	7210	Distributed Computing	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 7210 and CS 7431
CS	7280	Network Science	Spring 22, Fall 22, Spring 23	
CS	7455	Issues/Human-Center Comp	Spring 22, Fall 22, Spring 23	
CS	7470	Ubiquitous Computing	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 7470 and CS 4605
CS	7626	Behavioral Imaging	Spring 22, Fall 22, Spring 23	
CS	7630	Autonomous Robotics	Spring 22, Fall 22, Spring 23	
CS	7632	Game AI	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 7632, CS 4731, LCC 4731 or LMC 4731
CS	7634	AI Storytell In Vir Wrlld	Spring 22, Fall 22, Spring 23	
CS	7637	Knowledge-Based AI	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 7637 and CS 4635
CS	7638	Robotics: AI Techniques	Spring 22, Fall 22, Spring 23	
CS	7639	Cyber Physical Design	Spring 22, Fall 22, Spring 23	
CS	7641	Machine Learning	Spring 22, Fall 22, Spring 23	Students can only receive credit for one of the following: CS 4641, CS 7641, CSE 6740, ISYE 6740, CS 4640 or CSE 7641
CS	7642	Reinforcement Learning	Spring 22, Fall 22, Spring 23	
CS	7643	Deep Learning	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both 4644 and 7643
CS	7646	Mach Learn For Trading	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both CS 7646, CS 4646 or CS 4803 Machine Learning
CS	7649	Robot Intelli: Planning	Spring 22, Fall 22, Spring 23	
CS	7650	Natural Language	Spring 22, Fall 22, Spring 23	Students cannot receive credit for both 4650 and 7650

CS	7742	Robo Pro Prep 2	Spring 22, Fall 22, Spring 23		
CS	7751	Graphical Models in ML	Spring 22, Fall 22, Spring 23		
CS	7785	Intro Robotics Research	Spring 22, Fall 22, Spring 23		
CS	8741	Robo Capstone Project	Spring 22, Fall 22, Spring 23		
CS	8750	Robotics Research Fnd I	Spring 22, Fall 22, Spring 23		
CS	8751	Robotics Research Fnd II	Spring 22, Fall 22, Spring 23		
CSE	6010	Computational Prob Solv	Fall 22		Students cannot receive credit for both CSE 6010 and CX 4010
CSE	6040	Computing for Data Analy	Spring 22, Fall 22, Spring 23		Students cannot receive credit for both CX 4240 and CSE 6040
CSE	6140	Comp Sci&Engr Algorithms	Fall 22		Receive credit for only one of CS 6515, CX 4140, CSE 6140
CSE	6220	High Perform Computing	Spring 22, Fall 22, Spring 23		Students cannot receive credit for both CSE 6220 and CX 4220
CSE	6230	High Perf Parallel Comp	Fall 22		
CSE	6240	Web Search & Text Mining	Spring 22, Spring 23		
CSE	6242	Data & Visual Analytics	Spring 22, Fall 22, Spring 23		Students cannot receive credit for both CSE 6242 and CX 4242
CSE	6250	Big Data Health	Spring 22, Fall 22, Spring 23		Cannot receive credit for both CSE 6250, CS 4803 BDS, and CSE 8803 BDS
CSE	6643	Numerical Linear Algebra	Spring 22, Fall 22, Spring 23		
CSE	6644	Iterative Meth-Sys Eqns	Spring 22, Fall 22, Spring 23		
CSE	6730	Model&Sim:Found&Implemen	Spring 22, Spring 23		
CSE	6740	Computational Data Analy	Spring 22, Fall 22, Spring 23		Credit not awarded for both CSE 6740 and CS 4641/7641/ISYE 6740
CSE	6742	Mod, Sim&Military Gaming	Spring 22, Fall 22, Spring 23		
CSE	6748	Appld Analytics Pract	Spring 22, Fall 22, Spring 23		