1/10/21

	Quarters					FALL 2020	Wint 2021	SPRIN 2021	Summ 2021	FALL 2021	SPRIN 2022	FALL 2022	SPRIN 2023	FALL 2023	SPRIN 2024	FALL 2024	SPRIN 2025	COEN BS CSE ENG	CSCI BS CSI	BINF BS BIO INF	CSGI BA GENERAL	CSGD BA GAME DESIGN	CSS Sys ADMIN
GE		**General Education**		Units	Course													COEN	CSCI	BINF	CSGI	CSGD	CSSA
A3 B3 B3 E B4 B4	A3	CSE 1100	CSE 1100. Critical Thinking Through Computer Programming	3	CSE 1100	X		X		X	X	X	X	X	X	X	X						
	B3	CSE 1110L	CSE 1110L. Data Analysis Laboratory Using Spreadsheets	1	CSE 1110L	X		X		X	X	X	X	X	X	X	X						
	B3	CSE 1120L	CSE 1120L. Scientific Simulation	1	CSE 1120L																		
	125	CSE 1250	CSE 1250. Programming Basics	4	CSE 1250	X		X		X	X	X	X	X	X	X	X						
	E	CSE 1290	CSE 1290. College Learning for Lives and Careers in the Information Age	3	CSE 1290	X				X	X	X	X	X	X	X	X						
	B4	CSE 1300	CSE 1300. Introduction to Data Science	3	CSE 1300	X		X		X	X	X	X	X	X	X	X						
	B4	CSE 1300L	CSE 1300L. Introduction to Data Science Lab.	1	CSE 1300L	X																	
		Lower-Division																					
	201	CSE 2010	CSE 2010. Computer Science I	4	CSE 2010	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	330	CSE 2020	CSE 2020. Computer Science II	4	CSE 2020	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
	313	CSE 2130	CSE 2130. Machine Organization	3	CSE 2130	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X
		Upper-Division																					
	310	CSE 3100	CSE 3100. Digital Logic	4	CSE 3100	X		X	X	X	X	X	X	X	X	X	X	X	X				X
	335	CSE 3350	CSE 3350. Signals and Systems	3	CSE 3350	X		X		X		X		X		X		X					
	365	CSE 3650	CSE 3650. Systems Administration I	3	CSE 3650	X				X		X		X		X							X
	366	CSE 3660	CSE 3660. Systems Administration II	3	CSE 3660						X		X		X		X						X
	401	CSE 4010	CSE 4010. Contemporary Computer Architecture	3	CSE 4010	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X
	403	CSE 4030	CSE 4030. Analog Circuit Design and Analysis	3	CSE 4030	X		X		X		X		X		X		X					
	405	CSE 4050	CSE 4050. Web Application Development	3	CSE 4050	X				X		X		X		X					X	X	X
	New	CSE 4100	CSE 4100. Computer Networking and Security	3	CSE 4100	X		X	X	X	X	X	X	X	X	X	X	X	X				
	420	CSE 4200	CSE 4200. Computer Graphics	3	CSE 4200			X			X		X		X		X					X	
	431	CSE 4310	CSE 4310. Algorithm Analysis	3	CSE 4310	X		X	X	X	X	X	X	X	X	X	X		X	X			
	440	CSE 4400	CSE 4400. Game Design	3	CSE 4400	X				X		X		X		X						X	
	441	CSE 4410	CSE 4410. Game Programming	3	CSE 4410			X			X		X		X		X					X	
	New	CSE 4500	CSE 4500. Platform Computing	3	CSE 4500			X			X		X		X		X				X	X	X
	455	CSE 4550	CSE 4550. Software Engineering	4	CSE 4550	X		X		X	X	X	X	X	X	X	X		X		X	X	X
	456	CSE 4560	CSE 4560. Embedded Systems	4	CSE 4560	X		X	X	X		X		X		X		X					
	460	CSE 4600	CSE 4600. Operating Systems	3	CSE 4600	X		X		X	X	X	X	X	X	X	X	X	X				X
	461	CSE 4610	CSE 4610. Advanced Operating Systems	3	CSE 4610	X				X		X		X		X							
	482	CSE 4820	CSE 4820. Senior Project	3	CSE 4820	X		X		X	X	X	X	X	X	X	X						
	488	CSE 4880	CSE 4880. Ethics Senior Seminar	3	CSE 4880	X		X		X	X	X	X	X	X	X	X		X	X	X	X	X
WI	500	CSE 5000	CSE 5000. Introduction to Formal Languages and Automata Theory	3	CSE 5000			X											X				
	501	CSE 5010	CSE 5010. Introduction to Theory of Computation. Units: 3	3	CSE 5010	X				X		X		X		X							
	510	CSE 5100	CSE 5100. Advanced Computer Architecture	3	CSE 5100	X				X		X		X		X							
	512	CSE 5120.	CSE 5120. Introduction to Artificial Intelligence.	3	CSE 5120.			X											X				
	514	CSE 5140	CSE 5140. Computational Intelligence.	3	CSE 5140						X		X		X		X						
	515	CSE 5150	CSE 5150. Automated Reasoning	3	CSE 5150																		
	516	CSE 5160	CSE 5160. Machine Learning	3	CSE 5160	X		X	X	X		X		X		X				X			
	520	CSE 5200	CSE 5200. Advanced Computer Graphics	3	CSE 5200																		
	New	CSE 5208	CSE 5208. Introduction to Computer Engineering Design	4	CSE 5208	X				X		X		X		X		X					
	521	CSE 5210	CSE 5210. Digital System Design	4	CSE 5210	X		X		X		X		X		X		X					
	525	CSE 5250	CSE 5250. Parallel Algorithms and Programming.	3	CSE 5250	X				X		X		X		X			X				
	530	CSE 5300	CSE 5300. Data Communications	3	CSE 5300																		
	535	CSE 5350	CSE 5350. Numerical Computation	3	CSE 5350	X		X		X		X		X		X		X					
	408	CSE 5408	CSE 5408. Sustainable Engineering Design	4	CSE 5408			X			X		X		X		X	X					
	541	CSE 5410	CSE 5410. Robotics and Control	4	CSE 5410	X		?		X		X		X		X		X					
	550	CSE 5500	CSE 5500. Advanced Bioinformatics I: Sequence Analysis.	3	CSE 5500			X			X		X		X		X			X			
	551	CSE 5510	CSE 5510. Advanced Bioinformatics II: Numerical Modeling	3	CSE 5510					X		X		X		X				X			
	570	CSE 5700	CSE 5700. Compilers.	3	CSE 5700	X				X		X		X		X			X				
	572	CSE 5720	CSE 5720. Database Systems	3	CSE 5720	X		X		X		X		X		X			X	X			X
	575	CSE 5750	CSE 5750. Internship in Computer Science and Engineering.	3	CSE 5750																		
	580	CSE 5800	CSE 5800. Advanced Database Systems.	3	CSE 5800																		
	594	CSE 5940	CSE 5940. Topics in Computer Science and Engineering	3	CSE 5940			X			X		X		X		X						
	595A	CSE 5951	CSE 5951. Independent Study	1	CSE 5951	X	X	X	X	X	X	X	X	X	X	X	X						
	595B	CSE 5952	CSE 5952. Independent Study	2	CSE 5952	X	X	X	X	X	X	X	X	X	X	X	X						
	595C	CSE 5953	CSE 5953. Independent Study	3	CSE 5953	X	X	X	X	X	X	X	X	X	X	X	X						