

9/25/2020

COEN CSCI BINF CSGI CS GD CSSA

Quarters	Units	FALL 2020	Wint 2021	SPRIN 2021	Summ 2021	FALL 2021	SPRIN 2022	COEN	CSCI	BINF	CSGI	CSGD	CSSA
								BS CSE Eng	BS Csi	BS BIO INF	BA General	BA GAME	BA Sys ADM
<b>General Education</b>													
A3	CSE 1100	CSE 1100. Critical Thinking Through Computer Programming	3	X		X	X						
B3	CSE 1110L	CSE 1110L. Data Analysis Laboratory Using Spreadsheets	1	X		X	X						
B3	CSE 1120L	CSE 1120L. Scientific Simulation	1										
125	CSE 1250	CSE 1250. Programming Basics	4	X		X	X						
E	CSE 1290	CSE 1290. College Learning for Lives and Careers in the Information Age	3	X		X	X						
B4	CSE 1300	CSE 1300. Introduction to Data Science	3	X		X	X						
B4	CSE 1300L	CSE 1300L. Introduction to Data Science Lab.	1	X									
<b>Lower-Division</b>													
201	CSE 2010	CSE 2010. Computer Science I	4	X		X	X	X	X	X	X	X	X
330	CSE 2020	CSE 2020. Computer Science II	4	X	X	X	X	X	X	X	X	X	X
313	CSE 2130	CSE 2130. Machine Organization	3	X		X	X	X	X		X	X	X
<b>Upper-Division</b>													
310	CSE 3100	CSE 3100. Digital Logic	4	X		X	X	X	X				X
335	CSE 3350	CSE 3350. Signals and Systems	3	X		X	X		X				
365	CSE 3650	CSE 3650. Systems Administration I	3	X									X
366	CSE 3660	CSE 3660. Systems Administration II	3										X
401	CSE 4010	CSE 4010. Contemporary Computer Architecture	3	X	X	X	X	X	X				X
403	CSE 4030	CSE 4030. Analog Circuit Design and Analysis	3	X		X	X		X				
405	CSE 4050	CSE 4050. Web Application Development	3	X			X				X	X	X
New	CSE 4100	CSE 4100. Computer Networking and Security	3	X		X	X	X	X				
420	CSE 4200	CSE 4200. Computer Graphics	3			X			X				X
431	CSE 4310	CSE 4310. Algorithm Analysis	3	X		X	X		X	X			
440	CSE 4400	CSE 4400. Game Design	3	X			X						X
441	CSE 4410	CSE 4410. Game Programming	3			X			X				X
New	CSE 4500	CSE 4500. Platform Computing	3			X			X			X	X
455	CSE 4550	CSE 4550. Software Engineering	4	X		X	X		X		X	X	X
456	CSE 4560	CSE 4560. Embedded Systems	4	X		X	X		X				
460	CSE 4600	CSE 4600. Operating Systems	3	X		X	X	X	X				X
461	CSE 4610	CSE 4610. Advanced Operating Systems	3	X			X						
482	CSE 4820	CSE 4820. Senior Project	3	X		X	X						
488	CSE 4880	CSE 4880. Ethics Senior Seminar	3	X		X	X		X	X	X	X	X
500	CSE 5000	CSE 5000. Introduction to Formal Languages and Automata Theory	3			X			X				
501	CSE 5010	CSE 5010. Introduction to Theory of Computation. Units: 3	3	X			X						
510	CSE 5100	CSE 5100. Advanced Computer Architecture	3	X			X						
512	CSE 5120	CSE 5120. Introduction to Artificial Intelligence.	3			X			X				
514	CSE 5140	CSE 5140. Computational Intelligence.	3				X						
515	CSE 5150	CSE 5150. Automated Reasoning	3										
516	CSE 5160	CSE 5160. Machine Learning	3	X		X	X			X			
520	CSE 5200	CSE 5200. Advanced Computer Graphics	3										
New	CSE 5208	CSE 5208. Introduction to Computer Engineering Design	4	X			X		X				
521	CSE 5210	CSE 5210. Digital System Design	4	X		X	X		X				
525	CSE 5250	CSE 5250. Parallel Algorithms and Programming.	3	X			X			X			
530	CSE 5300	CSE 5300. Data Communications	3										
535	CSE 5350	CSE 5350. Numerical Computation	3	X		X	X		X				
408	CSE 5408	CSE 5408. Sustainable Engineering Design	4			X			X				
541	CSE 5410	CSE 5410. Robotics and Control	4	X			X		X				
550	CSE 5500	CSE 5500. Advanced Bioinformatics I: Sequence Analysis.	3			X	X			X			
551	CSE 5510	CSE 5510. Advanced Bioinformatics II: Numerical Modeling	3				X			X			
570	CSE 5700	CSE 5700. Compilers.	3	X			X			X			
572	CSE 5720	CSE 5720. Database Systems	3	X		X	X		X	X			X
575	CSE 5750	CSE 5750. Internship in Computer Science and Engineering.	3										
580	CSE 5800	CSE 5800. Advanced Database Systems.	3										
594	CSE 5940	CSE 5940. Topics in Computer Science and Engineering	3			X	X						
595A	CSE 5951	CSE 5951. Independent Study	1	X	X	X	X	X	X				
595B	CSE 5952	CSE 5952. Independent Study	2	X	X	X	X	X	X				
595C	CSE 5953	CSE 5953. Independent Study	3	X	X	X	X	X	X				
<b>Graduate</b>													
602	CSE 6020	CSE 6020. Computation and Complexity Theory	3	X			X						
610	CSE 6100	Modern Computer Architecture	3	X			X						
	CSE 6300	Theory of Algorithms and Their Analysis	3			X							
	CSE 6550	Software Engineering Concepts	3			X							
	CSE 6600	Operating Systems Concepts and Theory	3				X						
	CSE 6980	Graduate Seminar	1			X							