CSE Course Cat #	Course Name	Spr 18	Sum 18	Fall 18	Spr 19	Sum 19
1340	Introduction to Computing Concepts	X	-	X	X	-
1341	Principles of Computer Science	X	-	X	X	-
1342	Programming Concepts	X	-	X	X	-
2240	Assembly Language Programming and Machine Or	X	-	X	X	-
2341	Data Structures	X	-	X	X	-
2353	Discrete Computational Structures	X	-	X	X	-
3330	Database Concepts	X	-	X	X	-
3339	Information Assurance and Security	-	-	X	-	-
3342	Programming Languages	X	-	X	X	-
3345	Graphical User Interface Design and Implementatio	X	-	X	X	-
3353	Fundamentals of Algorithms	X	-	X	X	-
3365	Introduction to Scientific Computing	X	-	X	X	-
3381	Digital Logic Design	X	-	X	X	-
4340	Statistical Methods for Engineers and Applied Scier	X	-	X	X	-
4344	Computer Networks and Distributed Systems	X	-	X	X	-
4345	Software Engineering Principles	-	-	X	-	-
4351	Senior Design I	-	-	X	-	-
4352	Senior Design II	X	-		X	-
4360	Technical Entrepreneurship	X	-	X	X	-
4381	Digital Computer Design	X	-	X	X	-
5/7111	Intellectual Property and Info Technology	X	-		X	-
5/7313	Software Configuration Management	X	-	-	X	-
5/7314	Software Testing and Quality Assurance	-	-	X	-	-
5/7316	Software Requirements	-	-	X	-	-
5/7317	Leadership for Architecting Software Systems	-	-	X	-	-
5/7319	Software Architecture and Design	X	-	-	X	-
5/7320	Artificial Intelligence	X	-	-	X	-
5/7323	Mobile Sensing and Learning		-	X		-
5/7324	Machine Learning in Python	X	-	X	X	-
5/7330	File Organization and Database Management	-	-	X	-	-
5/7331	An Introduction to Data Mining and Related Topics	X	-	X	X	-

CSE Course Cat #	Course Name	Spr 18	Sum 18	Fall 18	Spr 19	Sum 19
5/7337	Information Retrieval and Web Search	X	-	-	X	-
5/7338	Security Economics		-	X		-
5/7339	Computer System Security	-	-	X	-	-
5/7340	Service-Oriented Computing		-			-
5/7341	Compiler Construction		-			-
5/7342	Concepts of Language Theory & Their Applications					
5/7343	Operating Systems and System Software	X	X	X	X	X
5/7344	Computer Networks and Distributed Systems II	X	-	-	X	-
5/7345	Advance Application Programming	-	-	X	-	-
5/7346	Cloud Computing	-	-	X	-	-
5/7347	XML and the Enterprise	-	-		-	-
5/7348	Internetworking Protocols and Programming	X	-	-	X	-
5/7349	Data and Network Security	X	-	-	X	-
5/7350	Algorithm Engineering	X	-	X	X	-
5/7356	VLSI Design and Laboratory					
5/7359	Software Security	X	-	-	X	-
5/7369	Hardware Security and Trojan Detection	-		X	-	-
5/7380	VLSI Algorithms		-		X	-
5/7381	Computer Architecture	X	-	X	X	-
5/7382	Computer Graphics	X	-	-	X	-
5/7385	Microcontroller Architecture and Interfacing	X	-	-	X	-
5/7387	Digital Systems Design	-	-	X	-	-
5360	Introduction to 3-D Animation	X	-	-	X	-
7312	Software Systems Engineering					
7315	Software Project Planning and Management	X	-	-	X	-
8098	Computer Science Seminars	X	-	X	X	-
8312	Software Generation and Maintenance	-	-	-	-	-
8313	Object-Oriented Analysis and Design	-	-	X	-	-

CSE Course Cat #	Course Name	Spr 18	Sum 18	Fall 18	Spr 19	Sum 19
CSE Course Cat #	Course Name	Spr 18	Sum 18	Fall 18	Spr 19	Sum 19
8314	Software Metrics and Quality Engineering	-	-		-	-
8315	Software Acquisition Legal and Economic Issues	-	-		-	-
8316	User Interface Design	X	-	-	X	-
8317	Software Reliability and Safety	X	-		-	-
8331	Data Mining	-	-		-	-
8340	Advabced Topics in Software Engineering	X	-		X	-
8343	Advanced Operating Systems	-	-	X	-	-
8344	Computer Networks	-	-	X	-	-
8349	Advanced Network and System Security	X	-		X	-
8350	Algorithms II	X	-		-	-
8351	Computer Arithmetic	X	-		X	-
8353	Digital Forensics	-			-	-
8355	Graph Theory Algorthms and Applications			X		
8356	Border and Transportation Security					
8358	Information Structures					
8359	Advanced Software Security					
8377	Fault-Tolerant Computation	-	-	X	-	-
8381	Quantum Logic and Computing	-	-		-	X
8383	Advanced Computer Architecture	-	-		-	-
8386	Testing of VLSI Circuits	-			-	-
8387	Switching Theory and Applications in VLSI CAD		-	X		
8388	Embedded Computing System Design					
8389	Foundations of Formal Verification and Validation	X	-		X	-