MS CSE		Fall'18	Spr'19	Sum'19	Fall'19	Spr'20	Sum'20
Group 1: Algorithms & Theory							
CSE511	Advanced Algorithms (CSE: 1)	Y					
CSE561	Cryptography (CSE: 1)				Y		
CSE531	Parallel Algorithms (CSE:1)						
CSE551	Graph Theory (CSE:1)						
CSE541	Formal Language and Automata Theory (CSE:1)						
Group 2: Computer Networks & Systems							
CSE512	Distributed Database Systems (CSE: 2)		Y				
CSE552 / EEE546 / ETE505	Advanced Computer Networks and communication (CSE:2) / Network Architecture & Protocols (EEE:comm)			Y			
CSE542/ETE512-core/EEE568	Advanced VLSI Design (CSE:2) / Microelectronics and VLSI Design (EEE:vlsi)			Y			Y
CSE522	Distributed Operating System (CSE:2)					Y	
CSE562	Modeling & Simulation						
CSE532/EEE560	Advanced Computer Architecture (EEE:vlsi) / Computer Architecture (CSE:2)						
Group 3: Intelligent System Engineering							
CSE513	Advanced Artificial Intelligence (CSE: 3)				Y		
CSE523	Advanced Neural Network (CSE:3)						Y
CSE573	Theory of Fuzzy Systems (CSE: 3)					Y	
CSE543	Introduction to Robotics (CSE: 3)	Y					
CSE553 / EEE660	Computer Vision (CSE:3) (EEE:vlsi)		Y				
CSE533 / EEE565	Machine Learning (CSE: 3) / Pattern Recognition (EEE:vlsi)						
CSE583	Digital Image Processing (CSE:3)						
Group 4: Software Engineering							
CSE534	Software Quality Assuarance (CSE: 4)	Y				Y	
CSE544	Intellectual Property and Contract Law (CSE: 4)			Y			
CSE564	Advanced Topics on Management of Technology (CSE: 4)						Y
CSE514	Programming Language Design (CSE:4)						
CSE524	Formal Methods in Software Engineering (CSE: 4)						

Code	Course						
Group 5: Telecommunication Engineering							
EEE661/ETE536 /CSE525	Network & Computer Security (EEE:vlsi)/Network Operation & Management (CSE:5)				Y		
ETE503-core /CSE545/EEE534	Mobile & Wireless Communications System (EEE:comm) (CSE:5)			Y			Y
EEE543-Elec/ETE507-core/CSE5	Optical Communications (EEE:comm) / Fiber-Optic Communications System (CSE:5)	Y			Y		
CSE565/ETE508/EEE526	Digital Signal Processing(CSE:5)/Digital Signal Processing and Filter Design(EEE:elec)		Y				
ETE521/CSE555	Telecommunications Business & Management (CSE:5)						
Group 6: Bioinformatics							
CSE516	Bioinformatics Computing (CSE: 6)		Y				
CSE526	Molecular Biology (CSE:6)**					Y	
Other courses (up to student demand)							
CSE598-SP	Network: Theory & Applications (CSE:1)						
CSE598-SP	Data Mining						
CSE598-SP	Special Topic-Biomedical signal Processing (CSE:6)						
CSE/ETE/EEE596-core_for_cours	Recent Advances in CSE						
CSE/ETE/EEE597-core_for_cours	Seminar Topics						
CSE599	Thesis						
CSE590	Project						