

MS in Computer and Information Science Curriculum Map

	1	2	3	4	5	6	7	8	9	10	11
CS310 Theory of Computing	x		x								x
CS312 Object-Oriented Analysis & Design	x	x	x								
CS313 Advanced Topics in Algorithms	x	x	x					x	x		
CS314 Theory of Communication Networks	x		x	x						x	x
CS315 Cryptography	x	x	x					x			
CS317 Computer Graphics		x		x	x					x	x
CS322 Software Engineering	x	x	x		x	x	x			x	x
CS323 Advanced Object-Oriented Programming	x	x	x	x		x					x
CS326 Database Systems	x	x	x		x	x		x			
CS331 Operating Systems		x	x		x						
CS333 Network Programming		x	x		x						
CS336 Compiler Design		x	x		x						
CS337 Cybersecurity	x	x	x							x	
CS340 Machine Learning	x	x	x			x			x	x	x
DS330 Deep Learning	x	x	x						x		
CS342 Data Science	x	x	x								
CS343 Data Visualisation	x	x	x					x	x	x	
CS345 Bioinformatics		x		x	x				x	x	x
CS346 Artificial Intelligence		x				x					
CS350 Software Project Management				x	x	x	x	x		x	x
CS355 Entrepreneurship				x	x	x	x	x	x	x	x
CS362 Time Series Analysis		x	x						x	x	
CS371 Image Processing	x	x	x					x	x	x	x
CS390 Capstone Practicum	x	x	x	x	x	x		x		x	x
CS392 Special Topics in Computer Science: Distributed Algorithms											
CS395 Capstone Preparation	x			x	x			x		x	x
CS396 Capstone-Thesis Writing	x	x	x	x				x		x	x