

* - subject to changes in curriculum

	19-3	20-1	20-2	20-3	21-1	21-2
M101 Discrete Math I	•	•		•	•	
102 Intro to Scientific Programming						
105W Process, Form, and Convention	•			•		
106 Applied Science, Technology and Society	•			•		
110 Programming in Visual Basic						
120 Intro to CS and Programming I	•	•	•	•	•	•
125 Intro to CS and Programming II	•	•	•	•	•	•
127 Computing Laboratory	•	•	•	•	•	•
128 Intro to Programming for Engineers	•			•		
129 Intro to CS and Programming II for Maths		•			•	
130 Intro to Computer Programming I	•			•		
135 Intro to Computer Programming II		•			•	
165 Intro to the Internet and the WWW	•	•	•	•	•	•
166 An Animated Intro to Programming	•			•		
213 Object oriented design in Java		•			•	
225 Data Structures and Programming	•	•	•	•	•	•
275 Software Engineering I	•			•		
276 Intro to Software Engineering	•	•	•	•	•	•
295 Intro to Computer Systems	•	•		•	•	
M300 Intro to Formal Languages and Automata						
300 Operating Systems I	•	•	•	•	•	•
305 Computer Simulation and Modelling						
307 Data Structures and Algorithms	•	•	•	•	•	•
308 Computability and Complexity				•		
310 Artificial Intelligence Survey	•	•	•	•	•	•
318 Cybersecurity		•			•	
320 Social Implications		•	•		•	•
322W Professional Responsibility and Ethics		•			•	
340 Biomedical Computing					•	
353 Computational Data Science	•		•	•		•
354 Database Systems I	•	•	•	•	•	•
361 Intro to Computer Graphics	•	•		•	•	
363 User Interface Design	•	•		•	•	
365 Multimedia Systems	•	•		•	•	
371 Data Communications and Networking	•		•		•	
373 Software Development Methods	•			•		
376W Technical Writing and Group Dynamics	•	•	•	•	•	•
379 Principles of Compiler Design		•			•	
383 Comparative Programming Languages	•		•	•		•
384 Symbolic Computing		•			•	

* - subject to changes in curriculum

	19-3	20-1	20-2	20-3	21-1	21-2
404 Crypto and Crypto Protocols					•	
405 Design and Analysis of Comp Algorithms	•	•		•	•	
406 Computational Geometry						
407 Computational Complexity						
408 Theory of Networks/Communications						
409 ST in Theoretical Computing Science						
411 Knowledge Representation	•			•		
412 Computational Vision	•			•		
413 Computational Linguistics	•			•		
414 Model-Based Computer Vision		•				
417 Intelligent Systems				•		
419 ST in Artificial Intelligence	•			•		
431 Distributed Systems		•			•	
433 Embedded Systems	•			•		
441 Computational Biology	•			•		
454 Database Systems II	•	•	•	•	•	•
456 Information Retrieval and Web Search						
459 ST in Database Systems						
461 Image Synthesis						
464 Geom. Modelling in Computer Graphics						
466 Animation	•			•		
469 ST in Computer Graphics						
470 Web-based Information Systems	•		•		•	
471 Networking II			•		•	
473 Software Quality Assurance		•			•	
474 Web Systems Architecture						
475 Requirements Engineering		•	•		•	•
477 Introduction to Formal Verification				•		
479 ST in Computing Systems	•			•		
489 ST in Programming Languages						
499 ST in Computer Hardware						