

COMPUTER SCIENCE AND MATHEMATICS BASIC COURSE SEQUENCES

(For Students Entering Major Fall 2010 or Later)

(Prerequisites in Parentheses)

<u>Year 1: Fall</u>	<u>Year 1: Spring</u>	<u>Year 2: Fall</u>	<u>Year 2: Spring</u>	<u>Year 3: Fall</u>	<u>Year 3: Spring</u>
CSC141 Computer Science I	CSC142 Computer Science II (CSC141)	CSC240 Computer Science III (CSC142)	CSC241 Data Structures & Algorithms (CSC240, MAT151, MAT161)	CSC242 Computer Organization (CSC142, MAT151)	CSC302 (optional) Comp. Security II (CSC240)
			CSC301 Comp. Security I (CSC240)	CSC345 Programming Languages (CSC220, CSC241)	CSC402 Software Engineering (CSC241)

MATH SAT 590 OR ABOVE

MAT161 Calculus I	MAT162 Calculus II (MAT161)	MAT151 Discrete Math	CSC220 Foundations Computer Science (MAT151, 161)	MAT121 Statistics I
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MATH SAT BELOW 590

MAT110 Pre-calculus	MAT161 Calculus I	MAT151 Discrete Math	CSC220 Foundations Computer Science (MAT151, 161)	MAT121 Statistics I	MAT122 Statistics II (MAT121)
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