

COMPUTER SCIENCE AND MATHEMATICS CORE COURSE SEQUENCES

(For Students Entering Major Fall 2016 or Later)

(Prerequisites in Parentheses)

<u>Year 1</u>	<u>Year 2</u>	<u>Year 2 or 3</u>	<u>Year 3 or 4</u>
CSC141 Computer Science I	CSC240 Computer Science III (CSC142)	CSC220 Foundations Comp Sci (MAT151,161)	CSC345 Programming Languages (CSC220, CSC241)
CSC142 Computer Science II (CSC141)	CSC241 Data Structures & Algorithms (CSC240, MAT151,MAT161)	CSC242 Computer Organization (CSC142, MAT151)	CSC402 Software Engineering (CSC241)
		CSC301 Comp. Security I (CSC240)	

4 TRACKS: BASED ON MATH CHALLENGE EXAM & AVAILABILITY OF SECTIONS IN SEMESTER 1

Semesters 1	2	3	4	5
MAT131 Pre-Calc	MAT161 Calculus I	MAT151 Discrete Math	MAT121 Statistics I	MAT122 Statistics II (MAT121)
MAT121 Statistics I	MAT110 Pre-Calc	MAT161 Calculus I	MAT151 Discrete Math	MAT122 Statistics II (MAT121)
MAT121 Statistics I	MAT161 Calculus I	MAT162 Calculus II (MAT161)	MAT151 Discrete Math	
MAT161 Calculus I	MAT162 Calculus II (MAT161)	MAT151 Discrete Math	MAT121 Statistics I	