

COMPUTER SCIENCE
Sample Five-Year schedule starting with Algebra

Year One

FALL		SPRING	
MATH 1100, Algebra	3	MATH 1650, Pre-Calculus	5
ENGL 1310 or TECM 1700, College Writing I or Intro. to Tech. Writing	3	TECM 2700, Tech. Writing	3
HIST 2610, American History I	3	HIST 2620, American History II	3
PSCI 2305, Federal Government/Political Science	3	PSCI 2306, State Government/Political Science	3
Total hours	12	Total hours	14

Destination Course

Math below Calculus

Year Two

FALL		SPRING	
MATH 1710, Calculus I	4	MATH 1720, Calculus II	3
CSCE 1030, Computer Science I	4	CSCE 1040, Computer Science II	3
CHEM 1410 or CHEM 1415, Chemistry	3	PHYS 1710, Mechanics	3
CHEM 1430 or CHEM 1435, Chemistry Lab	1	PHYS 1730, Mechanics Lab	1
Total hours	12	Creative Arts	3
		Total hours	13

Year Three

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 1780, Probability Models	3
CSCE 2100, Foundation of Computing	3	EENG 2710, Digital Logic Design	3
CSCE 2110, Foundation of Data Structures	3	CSCE 2610, Assem. & Org.	3
PHYS 2220, E. & M.	3	BIOL 1710, Biology I	3
PHYS 2240, E. & M. Lab	1	BIOL 1760, Biology Lab	2
Total hours	13	Total hours	14

Year Four

FALL		SPRING	
CSCE 3110, Data Structures	3	CSCE 4010, Social Issues	3
CSCE 3600, Systems Programming	3	CSCE 4110, Analysis of Algorithms	3
CSCE Elective	3	CSCE 3444, Software Engineering	3
TECM 4****	3	CSCE Elective	3
Total hours	12	Total hours	12

Year Five

FALL		SPRING	
CSCE 4901, Capstone I	3	CSCE 4902, Capstone II	3
CSCE Elective	3	CSCE Elective	3
CSCE Elective	3	CSCE Elective	3
Social and Behavioral Science	3	Language, Philosophy, & Culture	3
Total hours	12	Total hours	12