

COMPUTER SCIENCE  
Sample Four and a Half Year schedule starting with Pre-Calculus

**Year One**

FALL		SPRING	
MATH 1650, Pre-Calculus	5	MATH 1710, Calculus I	4
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	CSCE 1030, Computer Science I	4
PSCI 2305, Federal Government/Political Science	3	HIST 2620, American History II	3
Total hours	14	Total hours	14

Destination Course
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Math below Calculus
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**Year Two**

FALL		SPRING	
MATH 1720, Calculus II	3	MATH 2700, Linear Algebra	4
CSCE 1040, Computer Science II	3	CSCE 2100, Foundation of Computing	3
PHYS 1710, Mechanics	3	CSCE 2110, Foundations of Data Structures	3
PHYS 1730, Mechanics Lab	1	PHYS 2220 E. & M.	3
PSCI 2306, State Government/ Political Science	3	PHYS 2240, E. & M. Lab	1
Total hours	13	Total hours	14

**Year Three**

FALL		SPRING	
MATH 2700, Linear Algebra	3	MATH 1780, Probability Models	3
EENG 2710, Digital Logic Design	3	CSCE 3110, Data Structures	3
CSCE 2610, Assem. & Org.	3	CSCE 3600, Systems Programming	3
BIOL 1710, Biology I	3	CHEM 1410 or CHEM 1415, Chemistry	3
BIOL 1760, Biology Lab	2	CHEM 1430 or CHEM 1435, Chemistry Lab	1
Total hours	14	Total hours	13

**Year Four**

FALL		SPRING	
CSCE 4110, Analysis of Algorithms	3	CSCE 4010, Social Issues	3
CSCE 4444, Software Engineering	3	CSCE 4901, Capstone	3
CSCE Elective	3	CSCE Elective	3
Creative Arts	3	CSCE Elective	3
Social and Behavioral Science	3	Language Philosophy and Culture	3
Total hours	15	Total hours	15

**Year Five**

FALL	
CSCE Elective	3
CSCE Elective	3
CSCE Elective	3
CSCE Elective	3
Total hours	12