

TAMS Computer Science/Engineering to Computer Engineering

Year One

FALL		SPRING	
MATH 1650, Pre-Calculus		5 MATH 1710, Calculus I	4
ENGL 1315, Writing I		3 ENGL 1325, Writing II	3
PSCI 2305 or 2306, Government		3 CHEM 1420, Chemistry II	3
CHEM 1410, Chemistry I		3 CHEM 1440, Chemistry II Lab	1
CHEM 1430, Chemistry I Lab		1 CSCE 1030, Computer Science I	4
Seminar		0 Seminar	0
Total hours		15 Total hours	15

Year Two

FALL		SPRING		SUMMER	
MATH 1720, Calculus II		3 PHYS 2220, Electricity and Magnestim	3	MATH 2730, Multivar. Calculus	3
PHYS 1710, Mechanics		3 PHYS 2240, Electricity and Magnestim Lab	1	MATH 2700, Linear Algebra	3
PHYS 1730, Mechanics Lab		1 ENGL 2220, World Literature	3	Total hours	6
ENGL 2210, World Literature		3 HIST 2620, U.S. History II	3		
HIST 2610, U.S. History I		3 PSCI 2305 or 2306, Government	3		
CSCE 1040, Computer Science II		3 CSCE 2100, Discrete Foundations	3		
ENGR 2720, Logic Design		3 CSCE 2110, Data Structures Foundations	3		
ENGR 2730, Logic Design Lab		1 Total hours	19		
Total hours		20			

Year Three

FALL		SPRING	
CSCE 2610, Assembly and Organization		3 CSCE 3600, Systems Programming	3
ENGR 2405, Circuits		3 CSCE 3612, Embedded Systems	3
ENGR 2415, Circuits Lab		1 EENG 3510, Electronics I	3
MATH 1780, Probablity		3 Advanced Math or Science	3
TECM 2700, Technical Writing		3 Social and Behavioral Sciences Core (Adv)	3
Creative Arts Core (Adv)		3 Total Hours	15
Total Hours		16	

Year Four

FALL		SPRING	
CSCE 3010, Signals and Systems		3 CSCE 3020, Communications	3
CSCE 3730, Reconfigurable Logic		3 CSCE 4011, Ethics	3
CSCE 4910, Design I		3 CSCE 4915, Design II	3
Specialization Course		3 Specialization Course	3
Specialization Course		3 Total Hours	12
Total Hours		15	