

TAMS Computer Science/Engineering to Computer Science: 2020-2021 Catalog Year

Year One

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

Year Two

FALL		SPRING
MATH 1720, Calculus II	3	PHYS 2220, Electricity and Magnetism
PHYS 1710, Mechanics	3	PHYS 2240, Electricity and Magnetism Lab
PHYS 1730, Mechanics Lab	1	ENGL 2220, World Literature
ENGL 2210, World Literature	3	HIST 2620, U.S. History II
HIST 2610, U.S. History I	3	PSCI 2305 or 2306, Government
CSCE 1040, Computer Science II	3	CSCE 2100, Discrete Foundations
EENG 2710, Logic Design	3	CSCE 2110, Data Structures Foundations
Seminar	0	Seminar
Total hours	19	Total hours

SUMMER

TECM 2700, Technical Writing	3
MATH 2700, Linear Algebra	3
Total hours	6

Year Three

FALL		SPRING
CSCE 2610, Assembly and Organization	3	CSCE 4010, Social Issues
CSCE 3110, Data Structures	3	CSCE 4110, Algorithms
CSCE 3600, Systems Programming	3	CSCE 3444, Software Engr.
MATH 1780, Probability	3	Creative Arts Core
TECM 4***, Adv Technical Writing	3	Social and Behavioral Sciences Core
Total Hours	15	Total Hours

Year Four

FALL		SPRING
CSCE 4901, Capstone I	3	CSCE 4902, Capstone II
CSCE Core	3	CSCE Core
CSCE Breadth	3	CSCE Breadth
CSCE Elective	3	CSCE Elective
Total Hours	12	Total Hours

Master of Science Grad Track Option Available.

Completion of 9 hours of grad track during bachelor's degree plan results in 21-27 hours to earn master's degree.

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12