

		<b>First Year</b>			
		<b>First Semester</b>		<b>Second Semester</b>	
CSCI-191©	University Seminar I	1	CSCI-192©	University Seminar II	1
	Computational Thinking I	2	CSCI-111©	Computational Thinking II	2
CSCI-110©					
CSCI-120©	Elements of Computer Programming I	4	CSCI-121©	Elements of computer Programming II.	4
ENGL-101©	English Composition I	3	ENGL-102©	English Composition II	3
MTSC-251©	Calculus I	4	MVSC-101©	Lifetime Fitness and Wellness	2
			CSCI-252	Calculus II	4
		<b>15</b>			<b>16</b>

### Second Year

CSCI-210	Data Structures and Algorithms I	4	CSCI-211	Data Structures and Algorithms II	3
ENGR-210©	Digital Logic Design	4	CSCI-230©	System Architecture	3
HIST©	History (M/AE)	3	CSCI-280	Discrete Structures	3
LIT©	Literature (M/AE)	3	CSCI-295©	Mid-Program Project*	1
MTSC-213	Discrete Mathematics I	3	PSYC-201	Introduction to Psychology	3
		<b>17</b>			<b>13</b>

### Third Year

CSCI-320©	Operating Systems	3	CSCI-330©	Computer Networking	3
CSCI-340©	Database Systems*	3	CSCI-350©	Data Analytics*	3
CSCI-370©	Stochastic Computing*	3	CSCI-380©	Principles of Programming Lang.	3
PHYS-211©	Fundamentals of Physics I	3	INFO-340©	Introduction to Information Security*	3
MSTC-313©	Linear Algebra	4	AE©	Area Elective	4
		<b>16</b>			<b>15</b>

### Fourth Year

CSCI-480	Software Engineering Design*	3	CSCI-486©	Theory of Computing	3
CSCI-485 ©	Analysis of Algorithms	3	CSCI-495©	CS Capstone Project	3
AE©	Area Elective	3	AE©	Area Elective	3
ENGL-200	Speech	3	GLOB-395©	Global Societies	3
AH©	Arts and Humanities (M/AE)	3	AH©	Arts and Humanities (M/AE)	3
		<b>15</b>			<b>15</b>

**TOTAL CREDIT HOURS: 121**

+ Courses must be from Computer Science, Information Technology, or Mathematics above 300 level.

^ Senior Capstone course.

© A grade of 'C' or better is required to pass.

**Across The Curriculum (A-t-C) Outcomes List**