

CURRICULUM IN INFORMATION TECHNOLOGY

First Year

First Semester			Second Semester		
CSCI-191©	-University Seminar I	1	CSCI-192©	University Seminar II	1
CSCI-110©	Computational Thinking I	2	CSCI-111 ©	Computational Thinking II	2
CSCI-120©	Elements of Computer Prog. I	4	CSCI-121 ©	Elements of Computer Prog. II	4
ENGL-101©	English Composition I	3	ENGL-102©	English Composition II	3
MTSC-251©	Calculus I	4	MVSC-101©	Lifetime Fitness & Wellness	2
©			AH©	Arts and Humanities (M/AE)	3
14			15		

Second Year

CSCI-210©	Data Structures and Algorithms I*	4	CSCI-211	Data Structures and Algorithms II*	3
INFO-220©	System Administration I	4	CSCI-230©	System Architecture	3
ENGR-210©	Digital Logic Design	4	INFO-230©	Introduction to Web Development	3
MTSC-213©	Discrete Mathematics	3	INFO-240©	Database Administration*	3
			INFO-295	Mid-Program Project*	1
		15	LIT©	Literature	3
15			16		

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	INFO-320 ©	System Administration II	3
INFO-380©	Human Computer Interaction*	3	INFO-340	Introduction to Information Security*	3
PHYS-211©	Fundamentals of Physics	4	AEC©	Area Elective ⁺	3
16			15		

Fourth Year

CSCI-480©	Software Engineering Design*	3	INFO 495©	IT Capstone Project	3
INFO-420©	System Integration*	3	GLOB-395©	Global Societies	3
ENGL-200©	Speech	3	HIS©	History (M/AE)	3
PSYC-201©	Introduction to Psychology	3	AH©	Arts and Humanities (M/AE)	3
AEC©	Area Elective ⁺	3	AEC©	Area Elective	3
15			15		

TOTAL CREDIT HOURS: 121

^ Senior Capstone course.

* Writing intensive course.

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