Freshman Year

Fall		Winter	
Course	Credits	Course	Credits
UNIV 1000: First Year Seminar	3	Open Written Communication	3
CSIS 1800 Introduction to Computer and Info. Sciences	3	CSIS 3101 Advanced Computer Programming	4
MATH 2100 Calculus I	4	CSIS 2050 Discrete Mathematics	4
CSIS 2101 Fundamentals of Computer Programming	4	Open Elective	3
Total Credits	**14**	**Total Credits**	**14**

Sophomore Year

Fall		Winter	
Course	Credits	Course	Credits
CSIS 3200 Organization of Programming Language	3	Open Written Communication	3
CSIS 3400 Data Structures	4	MATH 3300 Introductory Linear Algebra	3
CSIS 3500 Networks and Data Communication	3	CSIS 3051 Computer Organization & Architecture	4
MATH 2200 Calculus II	4	CSIS 3750 Software Engineering	4
Total Credits	**14**	**Total Credits**	**14**

Junior Year

Fall		Winter	
Course	Credits	Course	Credits
Open Social & Behavioral Sciences	3	CSIS 3460 Object Oriented Design	3
CSIS 3023 Legal and Ethical Aspects of Computers	3	Major Elective	3
CSIS 3810 Operating Systems Concepts	3	Science Course (BIOL, CHEM, ENVS, MBIO, or PHYS)	4
PHYS 2400 Physics I/Lab	4	Open Arts & Humanities	3
Open Elective	3	Open Elective	3
Total Credits	**16**	**Total Credits**	**16**

Senior Year

Fall		Winter	
Course	Credits	Course	Credits
Open Social & Behavioral Sciences	3	CSIS 4610 Design and Analysis Algorithms	3
MATH 4500 Probability and Statistics	3	CSIS 4903 Capstone Course or CSIS 4953 Internship	3
CSIS 3610 Numerical Analysis	4	Major Elective	3
Major Elective	3	Open Elective	3
Open Arts & Humanities	3	Open Elective	4
Total Credits	**16**	**Total Credits**	**16**

TOTAL CREDITS: 120