

BlueSky Suggested Course Sequence
(Updated 11.27.2022)

Fall 1st Semester	
Course Number - Description	Credits
CSCI 1210 - Essentials of Web Development	3
CSCI 1250 - Introduction to Computer Science I	4
CSCI 1400 - PC Set-up and Maintenance	1
CSCI 1510 - Student in University	3
ENGL 1010 - Critical Reading and Expository Writing	3
MATH 1530 - Probability and Statistics – Non-calculus	3
Total Credits	17
Winter 2nd Semester	
History Course	3
Total Credits	3
Spring 3rd Semester	
CSCI 1260 - Introduction to Computer Science II	4
CSCI 1900 - Math for Computer Science	3
CSCI 2020 - Fundamentals of Database	3
ECON 2070 - Quantitative Methods for Business I	3
ENGL 1020 - Critical Thinking and Argumentation	3
Fine Arts Course	3
Total Credits	19

Summer 4th Semester	
Course Number - Description	Credits
CSCI 2150 - Computer Organization	3
CSCI 3000 - Career Readiness in Computing	3
CSCI 3020 - Database Advanced Topics	3
CSCI 3700 - Enabling Business with Information Systems	3
Literature Course	3
Social/Behavioral Science Course	3
Total Credits	18
Fall 5th Semester	
CSCI 2910 - Server-Side Web Programming	4
CSCI 3400 - Networking Fundamentals	3
CSCI 4047 - Data Analytics and Visualization	3
CSCI 4757 - Information Systems Implementation	3
Natural Science Course	4
Total Credits	17
Winter 6th Semester	
History Course	3
Total Credits	3
Spring 7th Semester	
CSCI 3500 - Information Security and Assurance	3
CSCI 4250 - Software Engineering I	3
CSCI 4537 - Ethical Hacking	3
CSCI 4767 - Enterprise Programming	3
CSCI 4905 - Internship	3
Total Credits	15

Summer 8th Semester

Course Number - Description	Credits
CSCI 3510 - Network Security	3
CSCI 4350 - Software Engineering II	3
CSCI 4847 - Health Information Systems	3
CSCI 4905 - Internship	4
Humanities Course	3
Total Credits	16

Fall 9th Semester

CSCI 4607 - Information Risk Management	3
CSCI 4905 - Internship	3
ECON 2210 - Principles of Macroeconomics	3
Natural Science Course	4
Oral Communication	3
Total Credits	16
Degree Program Total Credits	124