

Recommended Course Sequence  
Bachelor of Science - Computer Science - Theoretical (0494)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
CSCI 130 Principles of Programming I (3 Credits)	CSCI 230 Principles of Programming II (3 Credits)	CSCI 330 Object-Oriented Programming (3 Credits)	CSCI 380 Operating Systems (3 Credits)	CSCI 312 Organization & Architecture (3 Credits)	CSCI 408 Software Engineering (3 Credits)	CSCI 480 Computer Science Seminar (3 Credits)	CSCI 475 Data Communications & Networking (3 Credits)
ENGL 101 College Writing Skills (3 Credits)	MATH 211 Analytic Geometry/Calculus I (4 Credits)	MATH 212 Analytic Geometry/Calculus II (4 Credits)	MATH 370 Discrete Mathematics II (3 Credits)	CSCI 385 Data Structures & Algorithms (3 Credits)	CSCI 410 Programming Languages (3 Credits)	STAT 300 Applied Statistics (3 Credits)	CSCI Elective
CSCI 125 Intro. to Computer Science (3 Credits)	ENGL 102 Research Writing (3 Credits)	MATH 270 Discrete Mathematics I (3 Credits)	One General Education Class (3 Credits)	Distribution 3 MATH 275 (3 Credits)	Science Elective	CSCI Elective	CSCI Elective
MATH 107 Precalculus (4 Credits)	One General Education Class (3 Credits)	One General Education Class (3 Credits)	One General Education Class (3 Credits)	One General Education Class (3 Credits)	One General Education Class (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)
One General Education Class (3 Credits)	One General Education Class (3 Credits)	One General Education Class (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)	Free Elective (3 Credits)	

General Education Requirements

Major Requisites

Free Electives

CSCI/Science Electives

Related Requirements

Effective Winter 2020