

COMPUTER SCIENCE BS

First Year	CSCI 141 Computer Science I	MATH 181 ⁽¹⁾ Project Based Calculus I P-7A	Gen Ed First Year Writing Course ^(2,3) F-2	Gen Ed Artistic Perspective P-2	Gen Ed Global Perspective P-3	ACSC-010 Year One
	CSCI 142 Computer Science II (CSCI 141 with C- or higher)	MATH 182 Project Based Calculus II P-7B	MATH 190 Discrete Mathematics for Computing (MATH 182 co-req.) E-1	Gen Ed Ethical Perspective ⁽⁶⁾ P-1	Gen Ed Social Perspective P-4	Wellness Activity

Second Year	CSCI 243 The Mechanics of Programming (CSCI 142 with C- or higher)	CSCI 262 Introduction to Computer Science Theory (CSCI 141, MATH 190)	MATH 251 Probability and Statistics I (MATH 182) E-2	Lab Science 1 ⁽⁶⁾ P-5	Gen Ed Elective E-8	Wellness Activity
	CSCI 261 Analysis of Algorithms (CSCI 243, MATH 190)	SWEN 261 Introduction to Software Engineering (CSCI 142)	MATH 241 Linear Algebra (MATH 190) E-3	Lab Science 2 ⁽⁶⁾ E-4	Gen Ed Scientific Principles Perspective P-6	

Summer Co-op

Third Year	CSCI 331 Introduction to Intelligent Systems (CSCI 261, MATH 251)	CSCI 320 Principles of Data Management (CSCI 142, MATH 190)	CSCI 250 Concepts of Computer Systems (CSCI 243, MATH 190)	Science Elective E-5	Gen Ed Immersion ⁽⁴⁾ I-1
	Semester Co-op				

Fourth Year	CSCI 251 Concepts of Parallel and Distributed Systems (CSCI 243)	CS Elective	CSCI 344 Programming Language Concepts (CSCI 243, MATH 190)	Free Elective	Gen Ed Immersion I-2
	CS Elective	CS Cluster Elective	Science Elective E-6	Free Elective	CSCI 471 ⁽⁵⁾ Professional Communications (4 th or 5 th year standing in CS)

Semester Co-op

Fifth Year	Semester Co-op				
	CS Cluster Elective	Gen Ed Immersion I-3	Gen Ed Elective E-7	Free Elective	Free Elective

Computer Science/Software Engineering

Math

General Education

Science

Free Elective

First Year Requirement

Wellness

Co-op

Prerequisites ()
F-Gen Ed Foundation
P-Gen Ed Perspective
I-Gen Ed Immersion
E-Gen Ed Elective

(1) Individual calculus sequence placement determined by the math placement exam

(2) Students must choose one of the approved First Year Writing courses

(3) Designated as an approved Writing Intensive (WI) course

(4) Students must choose one General Education Immersion (or Perspective) course designated as WI

(5) Designated as an approved WI course in Computer Science

(6) Computer Science majors have constrained choices