


Recommended Course Sequence Bachelor of Science in Computer Science – Applied Track (0424)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
CSCI 125 Intro. to Computer Science	CSCI 230 Principles of Programming II (CSCI 130)	CSCI 312 Organization and Architecture (CSCI 230)	CSCI 313 Database Management Systems (CSCI 230)	CSCI 385 Data Structures & Analysis of Algorithms (CSCI 330 & MATH 270)	CSCI Elective	CSCI 496 Computer Science Internship (3-9 Credits)	CSCI 408 Software Engineering (CSCI 330)
CSCI 130 Principles of Programming I	MATH 208 Essentials of Calculus (MATH 105)	CSCI 330 Object-Oriented Programming (CSCI 230)	MATH 275 Linear Algebra I (MATH 208)	STAT 300 App. Stats/Data Analysis (MATH 208)	CSCI Elective		CSCI Elective
MATH 105 College Algebra	ENGL 102 Writing and Research Skills (ENGL 101 or Competency)	MATH 270 Discrete Mathematics I (MATH 208)	One General Education Class	CSCI Elective	CSCI Elective	CSCI Elective (6-12 Credits)	Free Elective
ENGL 101 College Writing Skills (ENGL 010 or Placement Test)	One General Education Class	One General Education Class	One General Education Class	Free Elective	Free Elective		Free Elective
One General Education Class	One General Education Class	One General Education Class	One General Education Class	One General Education Class	Free Elective		Free Elective

 General Education Requirements

 Required Computer Science Courses

 Free Electives

 Computer Science Electives

 Required Math Components

 Internship