


Recommended Course Sequence

Bachelor of Science in Computer Science – Web Development and Implementation Track (0426)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
CSCI 125 Intro. to Computer Science	CSCI 123 Intro to Web Development	CSCI 280 Prin. Of System Operation and Admin. (CSCI 130)	CSCI 313 Database Management Systems (CSCI 230)	CSCI 312 Organization and Architecture (CSCI 230)	CSCI 423 Web Development Engineering (CSCI 313 & CSCI 323)	CSCI 385 Algorithms and Data Structures (CSCI 330 & MATH 270)	CSCI 496 Computer Science Internship (3-9 Credits)
CSCI 130 Principles of Programming I	CSCI 230 Principles of Programming II (CSCI 130)	CSCI 330 Object-Oriented Programming (CSCI 230)	CSCI 325 Web Server Administration (CSCI 230 & CSCI 280)	CSCI 323 Web Development (CSCI 123 & CSCI130)	Free Elective	STAT 300 App. Stats/Data Analysis (MATH 208)	
MATH 105 College Algebra	MATH 208 Essentials of Calculus (MATH 105)	MATH 275 Linear Algebra I (MATH 208)	One General Education Class	MATH 270 Discrete Mathematics I (MATH 208)	Free Elective	CSCI Elective	
ENGL 101 College Writing Skills (ENGL 010 or Placement Test)	ENGL 102 Writing and Research Skills (ENGL 101 or Competency)	One General Education Class	One General Education Class	One General Education Class	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	
							CSCI Elective (6-12 Credits)

 General Education Requirements

 Required Computer Science Courses

 Free Electives

 Computer Science Electives

 Required Math Components

 Internship