


## Recommended Course Sequence Bachelor of Science in Computer Science – Application Track (0493)

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8	
<b>CSCI 125</b> Intro. to Computer Science	<b>CSCI 230</b> Principles of Programming II (CSCI 130)	<b>CSCI 308</b> Systems Analysis (CSCI 230)	<b>CSCI 313</b> Database Management Systems (CSCI 230)	<b>CSCI 280</b> Prin. Of System Operation and Admin. (CSCI 130)	<b>CSCI 310</b> Uses of Microcomputers (CSCI 230)	<b>CSCI 496</b> Computer Science Internship	<b>CSCI Elective</b>	
<b>CSCI 130</b> Principles of Programming I	<b>MATH 208</b> Essentials of Calculus (MATH 105)	<b>CSCI 330</b> Object-Oriented Programming (CSCI 230)	<b>CSCI 320</b> Business Programming in COBOL (CSCI 230)	<b>CSCI 312</b> Organization and Architecture (CSCI 230)	<b>CSCI Elective</b>		<b>CSCI Elective</b>	
<b>MATH 105</b> College Algebra	<b>ENGL 102</b> Writing and Research Skills (ENGL 101 or Competency)	<b>MATH 270</b> Discrete Mathematics I (MATH 208)	<b>MATH 275</b> Linear Algebra I (MATH 208)	<b>MATH 300</b> App. Stats/Data Analysis (MATH 208)	<b>CSCI Elective</b>		<b>Free Elective</b>	
<b>ENGL 101</b> College Writing Skills (ENGL 010 or Placement Test)	<b>One General Education Core Class</b>	<b>One General Education Core Class</b>	<b>One General Education Core Class</b>	<b>CSCI Elective</b>	<b>One General Education Distribution Class</b>		<b>One General Education Distribution Class</b>	<b>Free Elective</b>
<b>One General Education Core Class</b>	<b>One General Education Core Class</b>	<b>Free Elective</b>	<b>One General Education Core Class</b>	<b>One General Education Core Class</b>	<b>Free Elective</b>		<b>One General Education Distribution Class</b>	<b>Free Elective</b>

 General Education Requirements

 Required Computer Science Courses

 Free Electives

 Computer Science Electives

 Required Math Components

 Internship