


## Recommended Course Sequence

### Bachelor of Science in Computer Science – Network and System Administration Track (0425)

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 280</b> Prin. Of System Operation and Admin. (CSCI 130)	<b>CSCI 310</b> Uses of Microcomputers (CSCI 230)	<b>CSCI 312</b> Organization and Architecture (CSCI 230)	<b>CSCI 475</b> Data Communications & Networking (CSCI 312)	<b>CSCI 385</b> Algorithms and Data Structures (CSCI 330 & MATH 270)	<b>CSCI 496</b> Computer Science Internship (3-9 Credits)
<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 313</b> Database Management Systems (CSCI 230)	<b>CSCI 425</b> Network System Administration (CSCI 310 & CSCI 325)	<b>Free Elective</b>	<b>STAT 300</b> App. Stats/Data Analysis (MATH 208)	
<b>MATH 105</b> College Algebra	<b>ENGL 102</b> Writing and Research Skills (ENGL 101 or Competency)	<b>MATH 275</b> Linear Algebra I (MATH 208)	<b>CSCI 325</b> Web Server Administration (CSCI 230 & CSCI 280)	<b>MATH 270</b> Discrete Mathematics I (MATH 208)	<b>Free Elective</b>	<b>CSCI Elective</b>	
<b>ENGL 101</b> College Writing Skills (ENGL 010 or Placement Test)	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>Free Elective</b>	<b>Free Elective</b>	
<b>One General Education Class</b>	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>One General Education Class</b>	<b>Free Elective</b>	<b>Free Elective</b>	
							<b>CSCI Elective</b> (6-12 Credits)

 General Education Requirements

 Required Computer Science Courses

 Free Electives

 Computer Science Electives

 Required Math Components

 Internship