

FIVE SEMESTER PLAN: COMPUTER SCIENCE, B.S. DEGREE

*12 credit hours needed for full time.*

Year One			
SPRING SEMESTER		FALL SEMESTER	
<i>Course and Number</i>	<i>Credit Hours</i>	<i>Course and Number</i>	<i>Credit Hours</i>
CS 151 Problem Solving & Programming. II	4	CS 253 Software Development	3
MATH 255 Calculus II	4	CS 351 Data Structures and Algorithms	4
MATH 250 Logic and Proof	3	MATH 270 or 370 Statistics	3
		MATH 310 Discrete Structures	3
	11		13

Year Two			
SPRING SEMESTER		FALL SEMESTER	
<i>Course and Number</i>	<i>Credit Hours</i>	<i>Course and Number</i>	<i>Credit Hours</i>
CS 352 Programming Languages	3	CS 260 Computer Organization	3
CS 364 Software Engineering	3	CS 465 Computer Networking	3
CS 370 Operating Systems	3	CS 466 Information Security I	3
CS Elective	3	CS 495 Capstone I	2
	12		11

Year Three			
SPRING SEMESTER		FALL SEMESTER	
<i>Course and Number</i>	<i>Credit Hours</i>	<i>Course and Number</i>	<i>Credit Hours</i>
CS 353 Professional Ethics in Computing	2		
CS 453 Database Systems	3		
CS 496 Capstone II	2		
CS Elective	3		
	10		

**Plan assumes that students have received transfer credit for CS 150 (CSC 151 and CSC 251 or CSC 121 and CSC 221) and passed Calculus I and all liberal studies and science requirements have been met.**