

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

12 credit hours needed for full time.

Year One			
FALL SEMESTER		SPRING 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 352 Programming Languages	3
MATH 250 Logic and Proof	3	MATH 270 or 370 Statistics	3
		MATH 310 Discrete Structures	3
	11		12

Year Two			
FALL SEMESTER		SPRING SEMESTER	
<i>Course and Number</i>	<i>Credit Hours</i>	<i>Course and Number</i>	<i>Credit Hours</i>
CS 351 Data Structures and Algorithms	4	CS 353 Professional Ethics in Computing	3
CS 465 Computer Networking	3	CS 364 Software Engineering	2
CS 466 Information Security I	3	CS 370 Operating Systems	3
CS Elective	3	CS 453 Database Systems	3
		CS 495 Capstone I	2
	13		13

Year Three			
FALL SEMESTER		SPRING SEMESTER	
<i>Course and Number</i>	<i>Credit Hours</i>	<i>Course and Number</i>	<i>Credit Hours</i>
CS 260 Computer Organization	3		
CS 496 Capstone II	2		
CS Elective	3		
	8		

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.