B.S. Computer Science, Related Discipline Concentration

Fall 2017

	Fall		Spring		Summer	
Freshman	CSC 110/107 Computer Science I	4	CSC 111 Computer Science II	4	Min/Maj 1 *	
	MAT 211 Calculus 1[a]	4	MAT 225 Discrete Math	4	Min/Maj 2	
	ENG114 WIFYS	3	HCS 100 Intro to Human Communications	3		
	HIS 105	3	HIS 106	3		
			Gen Ed 1	3		
		14		17	6	37
Sophomore	SWE 200 Design Patterns	4	CSC 310 Design & Analysis of Algorithms	4	Min/Maj 3	
	CMPE 220 Computer Organization	4	CMPE 320 Operating Systems	4	Min/Maj 4	
	Gen Ed 2	3	Gen Ed 3	3		
	Two Semester Science Sequence I	4	Two Semester Science Sequence II	4		
		15		15	6	73
Junior	CSC/SWE/CE/EE 300+ Elective 1	4	MAT 217 Statistics	4	Min/Maj 7	
	MAT 318 Elementary Linear Algebra	3	CSC 371 Database Management	4	Min/Maj 8	
	Gen Ed 4	3	CSC 498 Sr. Research I	2		
	Min/Maj 5	3	Gen Ed 5	3		
	Min/Maj 6	3	Gen Ed 6	3		
		16		16	6	111
Senior	CSC/SWE/CE/EE 300+ Elective 2	4	CSC/SWE/CE/EE 300+ Elective 3	4		
	CSC 499 Sr. Research II	2	Min/Maj 9	3		
	Gen Ed 7	3	Min/Maj 10	3		
	Gen Ed 8	3	Min/Maj 11	3		
	Gen Ed 9	3	Min.Maj 12	3		
		15		16		142

* **Assumptions:** minors will require 124 total credits, double majors will require 140 total credits. These are estimates. Your choice of major or minor will determine the number and timing of additional classes you will need to take. Please talk to your advisor.

[a] Students starting with MAT 140B or MAT 175 take MAT 225 in their second or third semester before CSC 310.