

Software Engineering 4 Year Graduation Plan

Fall 2017

	Fall	Spring		
Freshman	ENGR 100 Engineering Seminar 1	1 ENGR 120 Programming for Engineers	4	
	CSC 110/106 Computer Science I	3 MAT 225 Discrete Math	4	
	MAT 211 Calculus 1	4 HCS 100 Intro to Human Communications	3	
	ENG110 WIFYS	3 HIS 106 Thinking Historically in a Global Age	3	
	HIS 105 Historical Foundations of Global Cultures	3		
		14	14	28
Sophomore	ENGR 200 Engineering Seminar 2	1 SWE 300 Crafting Quality Code	4	
	SWE 200 Design Patterns	4 CSC 371 Database Management	4	
	CMPE 220 Computer Organization	4 MAT 375 Prob & Stat for Engineers	4	
	Gen Ed	3 Gen Ed	3	
	Gen Ed	3		
		15	15	58
Upper Division Even	ENGR 300 Engineering Seminar 3	1 CSC 431 Computer Networks	4	
	SWE 400 Large Scale Architectures	4 SWE 420 Extreme Programming	4	
	MAT 318 Elementary Linear Algebra	3 CMPE 320 Operating Systems	4	
	Gen Ed	3 Gen Ed	3	
	Gen Ed	3		
		14	15	87
Upper Division Odd	ENGR 310 Statistical Process Control	3 CSC 310 Design & Analysis of Algorithms	4	
	CSC/CMPE/SWE Elective	4 SWE 415 Interdisciplinary Development	4	
	Two Semester Science Sequence I	4 Two Semester Science Sequence II	4	
	Gen Ed	3 Gen Ed	3	
	Gen Ed	3		
		17	15	119