

Computer Engineering Curriculum Summary

Major	Major credits	61	Total credits	128
CS 111x	Intro Programming	3	Math	Credits 15
CS 2110	Software Devlpmnt Meth	3		
CS 2102	Discrete Math	3	APMA 1110	Single Variable Calculus 4
ECE 2630	ECE Fundamentals I	4	APMA 2120	Multivariable Calculus 4
ECE 2660	ECE Fundamentals II	4	APMA 2130	Ordinary Diff EQ 4
CS 2150	Program/Data Rep	3	APMA 3100	Probability 3
ECE 2330	Digital Logic Design	3		
ECE 3750	ECE Fundamentals III	4		
CS 3240	Advanced SW Devlpmnt	3	SEAS requirements & Electives	52
ECE 3430	Intro Embedded Comp Sys	4		
CS/ECE 445	Computer Networks	3	STS 1500	Intro Lang, Comm & Tech 3
CS 4414	Operating Systems	3	STS 2--	STS Elective (2000 or above) 3
ECE 4435	Comp Arch and Design	4.5	STS 4500	STS & Engineering Practice 3
ECE 4440	Embed'd Sys Dsgn (MDE)	4.5	STS 4600	Engr Ethics & Prof Respsblty 3
			CHEM 1410/11	Intro Chem. Engineers (& Lab) 4
ECE/CS	ECE/CS Elective	3	ENGR 1620/21	Introduction to Engineering 4
ECE/CS	ECE/CS Elective	3	MTH/SCI	Math/Science Elective 3
ECE/CS	ECE/CS Elective	3	PHYS 1425	Physics I & Lab 4
ECE/CS	ECE/CS Elective	3	PHYS 2415	Physics II & Lab 4
			3 HSS	Humanities & Social Sci. Elect. 9
JBDugan June 2020			4 UE	Unrestricted Elect. 12

