

Computer Engineering Curriculum Summary

Major	Major credits	58	Total credits	128	
CS 111x	Intro Programming	3	Math	Credits 18	
CS 2110	Software Devlpmnt Meth	3	CS 2102	Discrete Math	3
ECE 2630	ECE Fundamentals I	4	APMA 1110	Single Variable Calculus	4
ECE 2660	ECE Fundamentals II	4	APMA 2120	Multivariable Calculus	4
CS 2150	Program/Data Rep	3	APMA 2130	Ordinary Diff EQ	4
ECE/CS 2330	Digital Logic Design	3	APMA 3100	Probability	3
ECE 3750	ECE Fundamentals III	4	Science		19
CS 3240	Advanced SW Devlpmnt	3	CHEM 1610	Intro Chem. Engineers (& Lab)	4
ECE 3430	Intro Embedded Comp Sys	4	ENGR 1620/21	Intro. to Engineering & Wkshp	4
CS/ECE 4457	Computer Networks	3	SCI	Science Elective	3
CS 4414	Operating Systems	3	PHYS 1425	Physics I & Lab	4
ECE 4435	Comp Arch and Design	4.5	PHYS 2415	Physics II & Lab	4
ECE 4440	Embed'd Sys Dsgn (MDE)	3	STS requirements & Electives		33
ECE 4550	Applied Resrch Design Lab	1.5	STS 1500	Intro Lang, Comm & Tech	3
CS/ECE	Elective (3000+)	3	STS 2--	STS Elective (2000 or above)	3
CS/ECE	Elective (3000+)	3	STS 4500	STS & Engineering Practice	3
CS/ECE	Elective (4000+)	3	STS 4600	Engr Ethics & Prof Respsnbly	3
CS/ECE	Elective (4000+)	3	3 HSS	Humanities/Social Sci electives	9
			4 UE	Unrestricted Electives	12

JBDugan January 2016