

Electrical Engineering Curriculum Summary

Major	Required major credits	32	Total credits	128
CS 111x	Intro Programming	3	Math	Credits 18
CS 2110	Software Devlpmnt Meth	3		
ECE/CS 2330	Digital Logic Design	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
ECE 3750	ECE Fundamentals III	4	APMA 3100	Probability 3
ECE 3209	Electromagnetic Fields	4	APMA/MATH	Math Elective (2xxx+) 3
ECE 3430	Intro Embedded Comp Sys	4		
ECE 4991	MDE Capstone Design	3	SEAS requirements	27
Electives		51	STS 1500	Intro Lang, Comm & Tech 3
2 ECE	ECE Elective (3000+)	6	STS 2--	STS Elective (2000 or above) 3
4 ECE	ECE Elective (4000+)	12	STS 4500	STS & Engineering Practice 3
2 ECE	ECE lab electives	3	STS 4600	Engr Ethics & Prof Respsbilty 3
			CHEM 1610	Intro Chem. Engineers (& Lab) 4
2 TECH	Technical elective	6	ENGR 1620	Introduction to Engineering 4
			SCI	Science Elective 3
3 HSS	Humanities & Social Sci. Elect.	9	PHYS 1425	Physics I & Lab 4
5 UE	Unrestricted Elect.	15		

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