

Electrical Engineering Curriculum Schedule (starting with Calculus I)

First Semester	15	Second Semester	16
APMA 1090 Single Variable Calculus I	4	APMA 1110 Single Variable Calculus II	4
CHEM 1610 Intro Chem. Engineers	3	CS 111x Intro Programming	3
CHEM 1611 Intro Chem. Engineers Lab	1	PHYS 1425 General Physics I	3
ENGR 1620/21 Introduction to Engineering	4	PHYS 1429 Physics I Workshop	1
STS 1500 Science Tech, Contemp Issues	3	HSS 1 HSS elective	3
		UE 1 Unrestricted elective *	2
Third Semester	17	Fourth Semester	17
APMA 2120 Multivariable Calculus	4	APMA 2130 Ordinary Diff EQ	4
CS 2110 Software Devlpmnt Meth	3	APMA/MATH Math Elective (2xxx+)	3
ECE/CS 2330 Digital Logic Design	3	ECE 2660 ECE Fundamentals II	4
ECE 2630 ECE Fundamentals I	4	TECH 1 Technical Elective	3
HSS 2 HSS elective	3	STS 2xxx STS Elective	3
Fifth Semester	15	Sixth Semester	15
ECE 3430 Intro Embedded Comp Sys	4	APMA 3100 Probability	3
ECE 3750 ECE Fundamentals III	4	ECE 1 ECE elective	3
ECE 3209 E&M Fields	4	ECE 2 ECE elective	3
UE 2 Unrestricted elective	3	Math/Sci Math/Science Elective	3
		HSS 3 HSS elective	3
Seventh Semester	16.5	Eighth Semester	16.5
ECE 3 (MDE) Capstone (4991 or 4440)	4.5	ECE 6 ECE elective	3
ECE 4 ECE Elective	3	ECE Lab ECE lab elective	1.5
ECE 5 ECE elective	3	ECE 7 ECE elective	3
UE 3 Unrestricted elective	3	TECH 2 Technical elective	3
STS 4500 STS & Engineering Practice	3	UE 4 Unrestricted elective	3
		STS 4600 Engr Ethics Prof Respsblty	3

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* APMA 1090 is in the math/science elective slot (which was moved to the 6th semester) in the 2nd semester. **APMA 1090 cannot count as the math/science elective** but rather counts as a UE. Because APMA 1090 is 4 credits, the UE course in the 2nd semester need only be 2 credits. It is unlikely that a student can find a 2 credit UE so this semester is more likely to require 17 credits than 16.