

## Electrical Engineering Bachelor of Science

Year 1 - Fall (15)	Year 1 - Spring (17)	Year 2 - Fall (17)	Year 2 - Spring (16)	Year 3 - Fall (16)	Year 3 - Spring (16.5)	Year 4 - Fall (16.5)	Year 4 - Spring (14)
APMA 1110 Single Variable Calculus II	APMA 2120 Multivariable Cal- culus	ECE 2300 Applied Circuits	ECE 2200 Applied Physics <i>(May be replaced with PHYS 2415 and 2419)</i>	ECE 3430 Introduction to Embedded Computer Systems	STS Elective <i>(2000 or 3000 level)</i>	STS 4500 STS and Engineer- ing Practice	STS 4600 The Engineer, Ethics, and Professional Responsibility
CHEM 1610 Introductory Chemistry I for Engineers	CS111x Introduction to Pro- gramming	ECE 2330 Digital Logic Design	ECE 2410 Introduction to Machine Learning for Engineers	ECE elective 1	ECE Elective 3	ECE Elective 4	ECE Elective 6
CHEM 1611 Intro Chemistry I for Engineers Lab	PHYS 1425 Introductory Physics I for Engineers	CS 2130 Computer Systems and Organization I	ECE 2600 Electronics	ECE elective 2	ECE Lab Elective	ECE Elective 5	Technical elective 2
ENGR 1624 Introduction to Engineering	PHYS 1429 Introductory Physics I Workshop	APMA 2130 Ordinary Differen- tial Equations	ECE 2700 Signals and Systems	APMA elective <i>(2000 level or higher)</i>	APMA 3100 Probability	ECE 4991 MDE Capstone Design	HSS 3 Elective
STS 1500 Science, Technolo- gy, and Contempo- rary Issues	Math/ Science Elective	HSS 2 Elective	UE 1 Unrestricted elective	UE 2 Unrestricted elective	Technical elective 1	UE 4 Unrestricted elective	UE 5 Unrestricted elective
	HSS 1 Elective *				UE 3 Unrestricted elective		

KEY:

SEAS General Requirements	Humanities and Social Sciences electives	Core ECE Courses	ECE Electives and Lab
CS and Math courses	Unrestricted electives	Technical Electives	

**\*Humanities and Social Sciences**

**Information on Electives:** <https://engineering.virginia.edu/current-students/current-undergraduate-students/degree-information/elective-information>