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 Calculus	**ECE 2300** Applied Circuits	**ECE 2200** Applied Physics *(May be replaced with PHYS 2415 and 2419)*	**ECE 3430** Introduction to Embedded Computer Systems	**STS Elective** *(2000 or 3000 level)*	**STS 4500** STS and Engineering Practice	**STS 4600** The Engineer, Ethics, and Professional Responsibility
CHEM 1610 Introductory Chemistry I for Engineers	**CS111x** Introduction to Programming	**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 Differential Equations	**ECE 2700** Signals and Systems	**APMA elective** *(2000 level or higher)*	**APMA 3100** Probability	**ECE 4991** MDE Capstone Design	**HSS 3** Elective
STS 1500 Science, Technology, and Contemporary 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