Computer Engineering Bachelor of Science

Year 1 - Fall (15)	Year 1 - Spring (17)	Year 2 - Fall (17)	Year 2 - Spring (14)	Year 3 - Fall (17)	Year 3 - Spring (16.5)	Year 4 - Fall (16.5)	Year 4 - Spring (15)
APMA 1110 Single Variable Calculus II	**APMA 2120** Multivariable Calculus	**ECE 2300** Applied Circuits	**ECE 3430** Introduction to Embedded Computer Systens	**ECE 2200** Applied Physics *(May be replaced with PHYS 2415 and 2419)*	**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	**CS 2130** Computer Systems and Organization I	**CS 3130** Computer Systems and Organization II	**ECE 4435** Computer Architecture and Design	**ECE/CS Elective 3**	**ECE/CS Elective 5**
CHEM 1611 Intro Chemistry I for Engineers Lab	**PHYS 1425** Introductory Physics I for Engineers	**CS 2100** Data Structures and Algorithms I	**ECE 2600** Electronics	**CS 3140** Software Development Essentials	**ECE/CS Elective 2**	**ECE/CS Elective 4**	**HSS 2 Elective**
ENGR 1624 Introduction to Engineering	**PHYS 1429** Introductory Physics I Workshop	**APMA 2130** Ordinary Differential Equations	**ECE 2700** Signals and Systems	**ECE/CS Elective 1**	**APMA 3100** Probability	**ECE 4991 or 4440** MDE Capstone Design or Embedded System Design	**HSS 3 Elective**
STS 1500 Science, Technology, and Contemporary Issues	**Math/ Science Elective**	**CS 2120** Discrete Mathematics and Theory I		**UE 1 Unrestricted elective**	**UE 2 Unrestricted elective**	**UE 3 Unrestricted elective**	**UE 4 Unrestricted elective**
	HSS 1 Elective *						

KEY:

- SEAS General Requirements
- Humanities and Social Sciences electives
- Core ECE Courses
- ECE/CS Electives
- CS Courses
- Unrestricted electives
- Advanced Math Courses

***Humanities and Social Sciences**

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