

Student:

PLAN OF STUDY- CALC I START

BACHELOR OF SCIENCE IN SYSTEMS ENGINEERING UNIVERSITY OF VIRGINIA

Eighth Semester

Engr Ethics & Prof Resp. 3

Systems Design II

Technical Elective (5)

Unrestricted Elective

Application Elective (4)

STS 4600

SYS 4054

Advisor:

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	or which you ar	e listed below by semestore currently enrolled (or e						
<u>✓</u>	First Semester			<u> </u>	Second S	Second Semester		
	APMA 1090 CHEM 1410 CHEM 1411 ENGR 1010	Single Var Calculus I Intro Chem Intro Chem Lab Engr Foundations 1 HSS Elective (3)	4 3 1 4 3 15		APMA 1110 PHYS 1425 PHYS 1429 CS 111X ENGR 1020	Single Var Calculus II General Physics I General Physics I Wksh Intro to Programing Engr Foundations 2 Science Elective I (1)	4 3 p 1 3 3 3	
<u>✓</u>	Third Semester			<u>√</u>	Fourth Semester			
	APMA 2120 CS 2100 SYS 2001 PHYS 2415 PHYS 2419	Multivariable Calculus Data Struct. & Algor. Sys Engr Concepts General Physics II General Physics II Wksh HSS Elective (3)	4 4 3 3 91 <u>3</u> 18		APMA 2130 APMA 3100 SYS 2202 STS 2600	Ordinary Diff Eqns Probability Data & Information Engi Engineering Ethics Science Elective II (2)	4 3 3 3 3 16	
<u>✓</u>	Fifth Semester		<u>√</u>	Sixth Ser	<u>mester</u>			
	APMA 3080 APMA 3120 SYS 3021 SYS 3023 SYS 3055	Linear Algebra Statistics Determ Decision Models Human Mach Interface SE Design Coll I HSS Elective (3)	3 3 3 1 3		SYS 3034 SYS 3060 SYS 3062	System Evaluation Stochastic Dec Models Discrete Event Simul Application Elective (4) Technical Elective	3 3 4 3 <u>3</u>	

129 credits - minimum required for graduation

STS 4500

SYS 4021

SYS 4053

SYS 4055

Seventh Semester

(1) Suitable science elective I courses are shown on SEAS approved list.

STS & Engr Practice

Application Elective (4)

Unrestricted Elective

Systems Design I

SE Design Coll II

Linear Statistical Models 4

- (2) Suitable advanced science electives should be chosen from 2000, 3000, and 4000 level science or mathematics courses approved for science majors. See list on SIE website for details.
- (3) Nine credits of humanities and social science electives should be selected in a related subject area of humanities and social sciences. See link to appropriate courses on SIE website

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- (4) Nine credits of applications electives should be selected in a related applications area of systems engineering. See list on SIE website.
- (5) Technical electives see technical electives policy on SIE website.

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