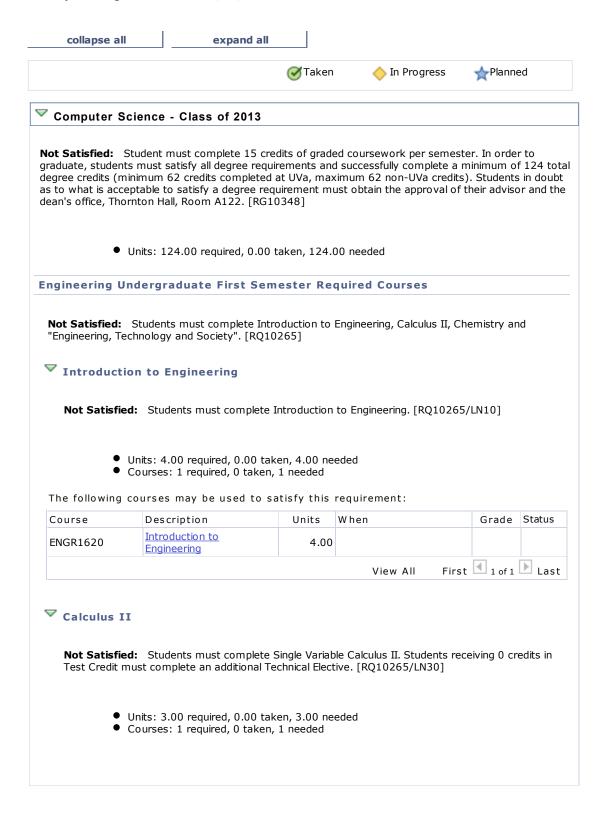
Jane Q. Doe ID: 1234567

Academic Requirements

University of Virginia | Undergraduate

This report last generated on 07/14/2010 8:53AM



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The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
APMA1110	Single Variable Calculus II	4.00			
View All				First 1 of 1	Last

▼ Introduction to Chemistry for Engineers and Lab

Not Satisfied: Students must complete Introduction to Chemistry for Engineers and Lab. [RQ10265/LN50]

• Courses: 2 required, 0 taken, 2 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
CHEM1610	Intro Chemistry for Engineers	3.00			
CHEM1611	Intro Chem for Engineers Lab	1.00			
			View All	First 1-2 of 2	Last

▼ Engineering, Technology and Society

Not Satisfied: Students must complete Engineering, Technology and Society. Students receiving 0 credits for Test Credit for Engineering, Technology and Society must complete an additional three credits in HSS.

The three credits earned for this course will also list under HSS electives, but will be in addition to the number of HSS electives students need for their major. [RQ11159/LN10]

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade Statu	s
STS1500	Sci, Tech & Contemp Issues	3.00			
		First 🕙 1 of 1 🕒 La	st		

Engineering Undergraduate Second Semester Required Courses

Not Satisfied: Students must complete Multivariate Calculus, Introduction to Computing, Physics and Lab, and a Science Elective I. [RQ10451]



▼ Multivariate Calculus

Not Satisfied: Students must complete Multivariate Calculus. Students receiving 0 credits in Test Credit must complete an additional Technical Elective. [RQ10451/LN10]

- Units: 4.00 required, 0.00 taken, 4.00 neededCourses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

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Course	Description	Units	When	Grade	Status
APMA2120	Multivariable Calculus	4.00			
	First 🕙 1 of 1	Last			

▼ Introduction to Computing

Not Satisfied: Students must complete one course. [RQ10451/LN30]

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When		Grade	Status
CS1110	Introduction to Programming	3.00				
CS1111	Introduction to Programming	3.00				
CS1112	Introduction to Programming	3.00				
			View All	First 4	1-3 of 3	Last

▽ Science Elective I

Not Satisfied: Students must complete three credits for Science Elective I. [RQ10451/LN80]

• Units: 3.00 required, 0.00 taken, 3.00 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
BIOL2010	Intro Bio: Cell Biol & Genetics	3.00			
BIOL2020	Intro Biol:Orgnsml & Evol Biol	3.00			
CHEM1620	Intro Chemistry for Engineers	3.00			
ECE2066	Science of Information	3.00			
ENGR2500	Intro Nanoscience and Tech	1.50 - 3.00			
MSE2090	Intro Sci & Engr of Materials	3.00			
PHYS2620	Modern Physics	4.00			

▼ General Physics I and Lab

 $\begin{tabular}{ll} \textbf{Not Satisfied:} & Engineering students should complete General Physics I and lab: PHYS 1425/1429 or PHYS 1427 (Rodman Scholars). [RQ11224/LN10] \\ \end{tabular}$

Units: 4.00 required, 0.00 taken, 4.00 neededCourses: 2 required, 0 taken, 2 needed

3 of 8 7/14/2010 8:54 AM The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade Status
PHYS1425	General Physics I	3.00		
PHYS1429	General Physics I Workshop	1.00		
			View All	First 🕙 1-2 of 2 🕨 Last

Engineering Second Year Required Courses

Not Satisfied: Students must complete one 2000-3000-level STS course and Physics II/Lab. [RQ11238]

▼ STS 2000-3000 Level Course

Not Satisfied: Students must complete one 2000-3000-Level STS course. [RQ11238/LN10]

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Grade	Status
<u>View Course List</u>	STS 2000-3000 level		
	View All	First 🖪	1 of 1 🕒 Last

▽ General Physics II and Lab

Not Satisfied: Engineering students should complete General Physics I and lab: PHYS 2415/2419 or PHYS 241R (Rodman Scholars). [RQ11223/LN10]

• Units: 4.00 required, 0.00 taken, 4.00 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
PHYS2415	General Physics II	3.00			
PHYS2419	General Physics II Workshop	1.00			
			View All	First 1-2 of 2	Last

Engineering Senior Thesis

Not Satisfied: Students must complete STS 4500 and STS 4600. [RQ11239]



Engineering Senior Thesis Courses

Not Satisfied: Students must complete STS 4500 and STS 4600. [RQ11239/LN10]

• Courses: 2 required, 0 taken, 2 needed

The following courses may be used to satisfy this requirement:

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Course	Description	Units	When		Grade	Status
STS4010	Western Technology and Culture	3.00				
STS4020	The Engineer, Ethics & Society	3.00				
			View All	First	1-2 of 2	Last

Computer Science Required Courses

Not Satisfied: Students must complete the required upper-level and lower-level courses in computer science, one computer science seminar and five CS electives. [RQ11240]

▽ Computer Science Lower Level Required Course

Not Satisfied: Students must complete four computer science lower-level required courses. Note that CS 2330 is cross-listed with ECE 2330. [RQ11240/LN20]

• Courses: 4 required, 0 taken, 4 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
CS2102	Discrete Mathematics I	3.00			
CS2110	Software Development Methods	3.00			
CS2150	Program & Data Representation	3.00			
CS2330	<u>Digital Logic Design</u>	3.00			
			View All	First 1-4 of 4	Last

▽ Computer Science Upper Level Required Courses

Not Satisfied: Students must complete five computer science upper-level required courses. Note that CS 3330 is cross-listed with ECE 3330. [RQ11240/LN30]

• Courses: 5 required, 0 taken, 5 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	e Status
CS3102	Theory of Computation	3.00			
CS3240	Advanced Software Development	3.00			
CS3330	Computer Architecture	3.00			
CS4102	<u>Algorithms</u>	3.00			
CS4414	Operating Systems	3.00			
			View All	First 1-5 of	5 Last

▽ Computer Science Seminar

Not Satisfied: Students must complete one computer science seminar to be taken in the second or third year only. [RQ11240/LN40]

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• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
CS2190	Computer Science Seminar I	1.00			
View All		View All	First 🛮 1 of 1 🕨 Last		

▼ Computer Science Electives

Not Satisfied: Students must complete five computer science electives in addition to the required CS courses. CS 4993 can be counted for at most three elective credits. CS 4998 does not count as a CS elective.[RQ11240/LN50]

• Courses: 5 required, 0 taken, 5 needed

Applied Mathematics Courses

Not Satisfied: Students must complete APMA 3100 and two additional APMA courses. [RQ11241]

▽ Probability

Not Satisfied: Students must complete APMA 3100. [RQ11241/LN10]

• Courses: 1 required, 0 taken, 1 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
APMA3100	<u>Probability</u>	3.00			
View All		First 🖪 1 of 1 🕨 Last			



▼ Two Additional APMA Courses

Not Satisfied: Students must choose two APMA courses from: 2130, 3080, 3120. [RQ11241/LN20]

• Courses: 2 required, 0 taken, 2 needed

The following courses may be used to satisfy this requirement:

Course	Description	Units	When	Grade	Status
APMA2130	Ordinary Differentl Equations	4.00			
APMA3080	Linear Algebra	3.00			
APMA3120	<u>Statistics</u>	3.00			
View All First					Last

HSS Electives

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Not Satisfied: Three credits of STS 1010 either through enrollment, transfer, or test credit may list here. Students must complete an additional 15 HSS credits as required for the Engineering degree.

Studies in the humanities and social sciences serve not only to meet the objectives of a broad education, but also to meet the objectives of the engineering profession. Such course work must meet the generally accepted definitions that the humanities are the branches of knowledge concerned with man and his culture, while the social sciences are the studies of society. Courses that instill cultural values are acceptable while skill development courses are not. Consequently, courses that involve performance must be accompanied by theory or history of the subject. Courses on communication in the student's native language, regardless of their level, may not be used to satisfy this requirement. [RQ10503]

HSS Elective

Not Satisfied: [RQ10503/LN10]

• Units: 18.00 required, 0.00 taken, 18.00 needed

Unrestricted Electives

Not Satisfied: Students must complete 15 credits of unrestricted electives. All Unrestricted Electives may be chosen from any graded course in the University except mathematics courses below MATH 1310, including STAT 1100 and 1120, and courses that substantially duplicate any others offered for the degree, including PHYS 2010, PHYS 2020, CS 1010, CS 111, CS 1020, or any introductory programming course. Students in doubt as to what is acceptable to satisfy a degree requirement should obtain the approval of their advisor and the dean's office, Thornton Hall, Room A122. APMA 1090 counts as a three credit unrestricted elective for students. Only 3 hours of marching band can be used as unrestricted, regardless of times taking course. [RQ10744]



▼ Unrestricted Electives

Not Satisfied: [RQ10744/LN40]

• Units: 15.00 required, 0.00 taken, 15.00 needed

Computer Science: GPA and Residency

Not Satisfied: Computer Science: GPA and Residency [RG10806]

▼ Cumulative GPA

Satisfied: Cumulative GPA based on all GPA-eligible courses completed at the University. [RQ10793]

• GPA: 2.000 required, 0.000 actual

Computer Science GPA

Satisfied: The Computer Science GPA is calculated using all GPA-eligible CS courses completed at the University. [RQ11187/LN10]

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▽ Credits in Residence

 $\textbf{Not Satisfied:} \quad \text{Students must complete a minimum of 62 graded credits at the University of Virginia.} \ [RQ10278]$

• Units: 62.00 required, 0.00 taken, 62.00 needed

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