Student Name (Last, First): Student ID number: First semester at UVa:	UVa email ID: Expected grad. sem:				
Required Computing & Math Courses:	Grade:	Semest	er (e.g F04)	: Commen	ts? (continue on back
CS 101 Intro. to Computer Sci.				or sepa	rate sheet)
CS 201 Software Devel. Methods					
CS 202 Discrete Mathematics I					
CS 216 Program & Data Repr.					
CS 230 Digital Logic					
CS 290 CS Seminar I					
CS 302 Discrete Mathematics II					
CS 333 Computer Architecture					
CS 340 Advanced SW Devel. Tech.					
CS 414 Operating Systems					
CS 432 Analysis of Algorithms					
Computer Architecture Elective (from approved list)				List course	e:
APMA 310 Probability					
APMA 213 / APMA 308 / APMA 312 (circle one)					
APMA 213 / APMA 308 / APMA 312 (circle one)					
Other SEAS Required and Elective Courses: Course: Grade: Semester:	Course	۵۰	Grade:	Semester:	
APMA 111	STS 10			Comocion	1
APMA 212	STS 2x				List course:
CHEM 151	STS 40	1			
CHEM 151L	STS 40	2			
ENGR 162	Other E	lectives:			_
PHYS 142E		e Elective			List course:
PHYS 142W		ective #1			List course:
PHYS 241E		ective #2			List course:
PHYS 241W		ective #3			List course:
	Unrestr	icted Elec			List course:
CS Electives (4): Course ID & Title	Grade:	Semester:]		
2)					
3)					
4)					
Tech Electives (3): Course ID & Title	Grade:	Semester:	 ∆nnroved	by advisor: sign	nature here
1) (200+ level)	arade.	ocinester.	Applotou	by davicori org	inataro noro:
2) (200+ level) (300+ level)					
3) (300+ level)					
Gen. Edu. Electives (3): Course ID & Title	Grade:	Semester:	Annroved	by advisor: sign	nature here:
	Graue.	Jeniester.	Approved	., uuvisoi. sigi	
1)					
2)			1		
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Advisors: You may choose to do the following if you make use of this form for a graduation check during the 4th year:

 ⁽¹⁾ List Minor or Additional Majors here:
 (2) Sign and Date below when reviewed for Application for Degree. Attach copy to SEAS application form.

Computer Science (BSCS) Suggested Schedule

(Requirements effective Fall 2006)

First Semester: APMA 111 CHEM 151 CHEM 151L ENGR 162 STS 101	Single Variable Calculus Intro Chemistry for Engr Intro Chem for Engr. Lab Prob. Solving & Design Lang. Comm. & Tech. Soc.	4 3 1 4 3 15	Second Semester: APMA 212 PHYS 142E PHYS 142W CS 101	Multivariate Calculus Physics I Physics I Workshop Intro. To Computer Sci. Science Elective ¹ HSS Elective ²	4 3 1 3 3 3 17
Third Semester: APMA PHYS 241E PHYS 241W CS 201 CS 202	APMA Elective or 310 ⁵ General Physics II Gen, Physics II Workshop Software Develop. Methods Discrete Math I HSS Elective ²	3 3 1 3 3 3 16	Fourth Semester: CS 216 CS 230 CS 302 CS 290 STS	Prog. & Data Representatn Digital Logic Design Discrete Math II CS Seminar I 2xx / 3xx Elective Technical Elective ³	3 3 1 3 3 16
Fifth Semester: CS 333 CS 432 APMA	Computer Architecture Algorithms APMA Elective or 310 ⁵ Technical Elective ³ Unrestricted Elective ⁴	3 3 3 3 <u>3</u> 15	Sixth Semester: CS 340 CS APMA	Adv. SW Develop. Tech. CS Elective APMA Elective or 310 ⁵ HSS Elective ² Gen Edu Elective ⁶	3 3 3 3 15
Seventh Semester: STS 401 CS 414 ECE 435 or CS	West. Tech & Culture Operating Systems Computer Arch. Elective CS Elective Gen Edu Elective ⁶	3 3 3 3 3 15	Eighth Semester: STS 402 CS CS	The Engineer in Society CS Elective CS Elective Gen Edu Elective ⁶ Technical Elective ³	3 3 3 3 15

124 semester hours are the minimum required for the BS in Computer Science degree.

Notes on courses listed in the table above:

- 1. Science elective must be chosen from the following: BIOL 201, BIOL 202, CHEM 152, CHE 200, ECE 200, MSE 209. or PHYS 252.
- 2. HSS Electives are chosen from the approved list available in A122 Thornton Hall or the SEAS website.
- 3. Technical Electives are courses whose emphasis is mathematics, science, or engineering. Technical electives must be at the 200-level or higher, but at least two must be at the 300-level or higher. See the department webpage for more information. Courses that do not clearly qualify should be approved by the student's advisor and recorded with a signature on the reverse side.
- 4. Any graded course at the University except those listed specifically prohibited in the Undergraduate Record in the "Elective Courses" section of the SEAS Academic Rules and Regulations.
- 5. Students must take APMA 310, and choose any two from APMA 213, APMA 308, or APMA 312. (Note that APMA 213 is 4 credits and the others are 3 credits.)
- 6. General Education Electives include all those allowed for HSS Electives and other non-technical courses. See the department webpage for more information. Courses that do not clearly qualify should be approved by the student's advisor and recorded with a signature on the reverse side.
- 7. Computer Architecture Elective: A student must take one course from the list of approved Computer Architecture Electives. This list includes ECE435 and specified, approved CS courses. Consult the CS webpage or your advisor for the up-to-date list. This course can be taken any semester.