

Bachelor of Science - Computer Science - Students Entering Fall 2012 **Study Plan /** Application for Candidacy (check one)

Stevens Institute of Technology Hoboken, NJ 07030 Office of the Registrar 201.216.5210 FAX 201.216.8030

 Name:
 ID:
 Class:
 Box S E-mail:

 Major Concentration Field: COMPUTER SCIENCE
 Minor Field(s) (If Any):

 Instructions Please print or type. The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them.

 You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 02F, 03S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, circle the appropriate course number. For electives, fill in the course number. Any courses taken elsewhere should be marked TR. An additional study plan will be required if you wish to receive a minor or a second degree.

	Term	Course	Credits	Grade	Term	Course	Credits	Grade
		REQUIRED COURSES			Term	Course	Credits	Grade
Ι		Science I	3.0			REQUIRED COURSES		
Π		Science II	3.0		I	CS115 or CS181 - Introduction to Computer Scie	nce $^{1}4.0$	
II		Science Lab	1.0		I	CS146 – Intro to Web Programming & Proj. Dev.	3.0	
					II	CS135 – Discrete Structures	4.0	
I		MA121 –Differential Calculus	2.0		II	CS284 or CS182 - Data Structures	4.0	
I		MA122 – Integral Calculus	2.0		III	CS334 – Automata & Computation	3.0	
Π		MA123 – Series, Vectors, Functions, and Surfaces	2.0		III	CS383 - Computer Organization & Programming	3.0	
П		MA124 – Calculus for Functions of Two Variables	2.0		III	CS385 – Algorithms4	4.0	
IV		MA222 – Probability and Statistics	3.0		IV	CS347 – Software Development Process	3.0	
v		MA331 – Statistical Methods	3.0		IV	CS392 - Systems Programming	3.0	
v		MASSI – Statistical Methods	5.0		IV	CS496 – Principles of Programming Languages	3.0	
ш		BT330 – Social Psych. & Organizational Behavior	3.0		V	CS442 - Database Management Systems	3.0	
Ш		B1550 – Social Esych. & Organizational Benavior	5.0		V	CS443 – Database Practicum	3.0	
I		PE200 - Physical Education I	0.0		VI	CS488 – Computer Architecture	3.0	
п		PE200 - Physical Education I	0.0		VI	CS492 – Operating Systems	3.0	
ш		PE200 - Physical Education II PE200 - Physical Education III	0.0		VII	CS506 – Introduction to IT Security	3.0	
IV		PE200 - Physical Education III PE200 - Physical Education IV	0.0		VII	CS423 – Senior Design I	3.0	
1 V		1 E200 - Thysical Education TV	0.0		V	CS511 – Concurrent Programming	3.0	
					VIII	CS424 – Senior Design II	3.0	
Stı	ident Sig	nature:				Date:	Original	□ Revision

$\square 2^{nd}$ Degree	
	 $\square 2^{nd}$ Degree

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Major Con	centration Field: COMPUTER SCIENCE			Minor Field(s)) (If Any):		
Term	Course	Credits	Grade	Term Term	Course Course	Credits Credits	Grade Grade
	TECHNICAL ELECTIVES				HUMANITIES ²		
VI IV		3.0			CAL 103 / CAL 105	3.0	
VIII		3.0			CAL 105 / CAL 103	3.0	
					Humanities 100/200 level (not HAR or HMU)		
	SOFTWARE DEVELOPMENT ELECTIVE				Humanities 300 level (not HAR or HMU)		
VII		3.0			HSS 371 / HPL 455 Humanities (not HAR or HMU)	3.0 3.0	
					Humanities (not HAR or HMU)	3.0	
	SCIENCE/MATH ELECTIVES				Humanities (not HAR or HMU)	3.0	
VII		3.0			ADDITIONAL COURSES ³		
	FREE ELECTIVES						
VIII		3.0					
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NOTES:

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1. Students who have little or no background in programming should take CS105 in Term I, CS115 in Term II, CS284 in Term II, and CS385 in Term IV. If a student starts with CS 105, then CS 105 may be used as a Computer Science or a Free Elective but in all cases CS 105 must be taken prior to CS 115.

2. The Humanities courses must have your advisor's approval prior to enrolling.

3. Mark "GD" courses beyond the B.S. requirements to defer to graduate program. Mark "XT" courses beyond the B.S. requirements to meet minor requirements, to meet second degree requirements, or extra courses.

4. Enter your Computer Science AP credit or a free elective if you completed CS181/CS182.

Student Signature:	Date:	Original D Revision
Faculty Advisor Signature:	Date:	$\square 2^{nd}$ Degree
UG Records Auditor:	Date:	
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