Bachelor of Science - Computer Science - Students Entering Fall 2013

☐ Study Plan / ☐ Application for Candidacy (check one)

Stevens Institute of Technology
Castle Point on Hudson
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
		REQUIRED COURSES		
I	_____	Science I _____	3.0	_____
II	_____	Science II _____	3.0	_____
II	_____	Science Lab _____	1.0	_____
I	_____	MA121 –Differential Calculus	2.0	_____
I	_____	MA122 – Integral Calculus	2.0	_____
II	_____	MA123 – Series, Vectors, Functions, and Surfaces	2.0	_____
II	_____	MA124 – Calculus for Functions of Two Variables	2.0	_____
IV	_____	MA222 – Probability and Statistics	3.0	_____
V	_____	MA331 – Intermediate Statistics	3.0	_____
III	_____	BT330 – Social Psych. & Organizational Behavior	3.0	_____
I	_____	PE200 - Physical Education I	0.0	_____
II	_____	PE200 - Physical Education II	0.0	_____
III	_____	PE200 - Physical Education III	0.0	_____
IV	_____	PE200 - Physical Education IV	0.0	_____

Term Term		Course Course	Credits Credits	Grade Grade
		REQUIRED COURSES		
I	_____	CS115 or CS181 - Introduction to Computer Science [1]	4.0	_____
I	_____	CS146 – Intro to Web Programming & Proj. Dev.	3.0	_____
II	_____	CS135 – Discrete Structures	4.0	_____
II	_____	CS284 or CS182 - Data Structures	4.0	_____
III	_____	CS334 – Automata & Computation	3.0	_____
III	_____	CS383 – Computer Organization & Programming	3.0	_____
III	_____	CS385 – Algorithms _____ [4]	4.0	_____
IV	_____	CS347 – Software Development Process	3.0	_____
IV	_____	CS392 - Systems Programming	3.0	_____
IV	_____	CS496 – Principles of Programming Languages	3.0	_____
V	_____	CS442 - Database Management Systems	3.0	_____
V	_____	CS443 – Database Practicum	3.0	_____
V	_____	CS511 - Concurrent Programming	3.0	_____
VI	_____	CS492 – Operating Systems	3.0	_____
VI	_____	CS522 or CS546 or CS548 (circle one)	3.0	_____
VII	_____	CS306 – Intro to IT Security	3.0	_____
VII	_____	CS423 – Senior Design I	3.0	_____
VII	_____	CS485 - Societal Impact of Info. Technologies	1.0	_____
VIII	_____	CS424 – Senior Design II	3.0	_____

Student Signature: _____ Date: _____ ☐ Original ☐ Revision

Faculty Advisor Signature: _____ Date: _____ ☐ 2nd Degree

UG Records Auditor: _____ Date: _____

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Term	Course	Credits	Grade
	TECHNICAL ELECTIVES		
VI	_____	3.0	
VIII	_____	3.0	
	COMPUTER SCIENCE ENRICHMENT		
III	CS 370 – Creative Problem Solving & Team Prog.	3.0	
V	CS 497 – Independent Study	3.0	
VI	CS 497 – Independent Study	3.0	
VII	CS 498 – Senior Research I	3.0	
VIII	CS 499 – Senior Research II	3.0	
	SCIENCE/MATH ELECTIVES		
VI	_____	3.0	
VII	_____	3.0	
	FREE ELECTIVE		
VIII	_____	3.0	

Term Term	Course Course	Credits Credits	Grade Grade
	HUMANITIES [2]		
I	CAL 103 / CAL 105	3.0	
II	CAL 105 / CAL 103	3.0	
III	Humanities 100/200 level (not HAR or HMU)	3.0	
VII	Humanities 300 level (not HAR or HMU)	3.0	
VIII	HSS 371 / HPL 455	3.0	
	ADDITIONAL COURSES [3]		

NOTES:
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.

Student Signature: _____ Date: _____ ☐ Original ☐ Revision

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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 ☐ Revision

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