STEVENS Institute of Technology

Bachelor of Science - Computer Science - Students Entering Fall 2014
☐ Study Plan / ☐ Application for Candidacy (check one)

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

Major Concentration Field: <u>COMPUTER SCIENCE</u> _____ 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	BT353 – Project Management	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	Course	Credits	Grade
	REQUIRED COURSES		
I	CS115 or CS181 - Introduction to Computer Science [1]	4.0	_____
I	CS146 – Intro to Web Programming & Project 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: _____

Honors2014_SP

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Major Concentration Field: <u>COMPUTER SCIENCE</u> _____ Minor Field(s) (If Any): _____

Term	Course	Credits	Grade	Term	Course	Credits	Grade
	TECHNICAL ELECTIVES				**HUMANITIES** [2]		
VI ____	_____	3.0	____	I ____	CAL 103 / CAL 105	3.0	____
VIII ____	_____	3.0	____	II ____	CAL 105 / CAL 103	3.0	____
				III ____	Humanities 100/200 level (not HAR or HMU)	3.0	____
	COMPUTER SCIENCE ENRICHMENT			VII ____	Humanities 300 level (not HAR or HMU)	3.0	____
III ____	CS 370 – Creative Problem Solving & Team Prog.	3.0	____	VIII ____	HSS 371 or HPL 455	3.0	____
V ____	CS 497 – Independent Study	3.0	____				
VI ____	CS 497 – Independent Study	3.0	____		**ADDITIONAL COURSES** [3]		
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	____				

NOTES:
1. Students who have little or no background in programming should take CS110 in Term I, CS115 in Term II, CS284 in Term II, and CS385 in Term IV. If a student starts with CS 110, then CS 110 may be used as a Computer Science or a Free Elective but in all cases CS 110 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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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: <u>COMPUTER SCIENCE</u>   Minor Field(s) (If Any): _____

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

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

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