



Bachelor of Science - Computer Science - Students Entering Fall 2015

☐ 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- _____ Email _____

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
<u>REQUIRED COURSES</u>			
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
<u>REQUIRED COURSES</u>			
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	Term	Course	Credits	Grade
<u>TECHNICAL ELECTIVES</u>				<u>HUMANITIES</u>²			
VI	_____	3.0	_____	I	CAL 103 / CAL 105	3.0	_____
VIII	_____	3.0	_____	II	CAL 105 / CAL 103	3.0	_____
<u>SOFTWARE DEVELOPMENT ELECTIVE</u>				III	Humanities 100/200 level (not HAR or HMU)	3.0	_____
VII	_____	3.0	_____	IV	Humanities 300 level (not HAR or HMU)	3.0	_____
<u>SCIENCE/MATH ELECTIVES</u>				V	HSS 371 or HPL 455	3.0	_____
VI	_____	3.0	_____	VI	Humanities (not HAR or HMU)	3.0	_____
VII	_____	3.0	_____	VII	Humanities (not HAR or HMU)	3.0	_____
<u>FREE ELECTIVES</u>				VIII	Humanities (not HAR or HMU)	3.0	_____
VIII	_____	3.0	_____	<u>ADDITIONAL COURSES</u>³			
VIII	_____	3.0	_____	_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____

NOTES:

- 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.
- The Humanities courses must have your advisor's approval prior to enrolling.
- 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.
- Enter your Computer Science AP credit or a free elective if you completed CS181/CS182.

Student Signature: _____ Date: _____

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