



Bachelor of Science - Computer Science - Students Entering Fall 2017

☐ 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 Co-op (Y/N)? _____ Additional programs, 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., 17F, 18S, 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
<u>REQUIRED COURSES</u>				<u>REQUIRED COURSES</u>			
I	Science I _____	3.0	_____	I	CS115 or CS181 – Introduction to Computer Science ¹	4.0	_____
II	Science II _____	3.0	_____	I	CS146 – Intro to Web Programming & Proj. Dev.	3.0	_____
II	Science Lab _____	1.0	_____	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	_____
II	MA123 – Series, Vectors, Functions, and Surfaces	2.0	_____	III	CS383 – Computer Organization & Programming	3.0	_____
II	MA124 – Calculus for Functions of Two Variables	2.0	_____	III	CS385 – Algorithms _____ ⁴	4.0	_____
IV	MA222 – Probability and Statistics	3.0	_____	IV	CS347 – Software Development Process	3.0	_____
V	MA331 – Intermediate Statistics	3.0	_____	IV	CS392 – Systems Programming	3.0	_____
III	BT353 – Project Management	3.0	_____	IV	CS496 – Principles of Programming Languages	3.0	_____
I	PE200 – Physical Education I	0.0	_____	V	CS442 – Database Management Systems	3.0	_____
II	PE200 – Physical Education II	0.0	_____	V	CS511 – Concurrent Programming	3.0	_____
III	PE200 – Physical Education III	0.0	_____	VI	CS492 – Operating Systems	3.0	_____
IV	PE200 – Physical Education IV	0.0	_____	VII	CS306 – Intro to IT Security	4.0	_____
				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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<u>TECHNICAL ELECTIVES</u>				<u>HUMANITIES</u> ²			
V	_____	3.0	_____	I	<u>CAL 103 / CAL 105</u>	3.0	_____
VI	_____	3.0	_____	II	<u>CAL 105 / CAL 103</u>	3.0	_____
VIII	_____	3.0	_____	III	<u>Humanities 100/200 level</u>	3.0	_____
<u>SOFTWARE DEVELOPMENT ELECTIVES</u>				IV	<u>Humanities 300 level</u>	3.0	_____
VI	_____	3.0	_____	V	<u>HSS 371 or HPL 455</u>	3.0	_____
VII	_____	3.0	_____	VI	<u>Humanities (any level)</u>	3.0	_____
<u>SCIENCE/MATH ELECTIVES</u>				VII	<u>Humanities (any level)</u>	3.0	_____
VI	_____	3.0	_____	VIII	<u>Humanities (any level)</u>	3.0	_____
VII	_____	3.0	_____	<u>ADDITIONAL COURSES</u> ³			
<u>FREE ELECTIVES</u>				_____	_____	_____	_____
VIII	_____	3.0	_____	_____	_____	_____	_____
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 Free Elective, but in all cases CS 110 must be taken prior to CS 115.
- Humanities courses must have your advisor's approval prior to enrolling. For details on Humanities courses and requirements please refer to the Academic Policies of the Office of Undergraduate Academics.
- 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 credit for AP Computer Science or, if you completed CS181/CS182, a CS elective.

Student Signature: _____ Date: _____

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