

Bachelor of Science - Computer Science - Students Entering Fall 2011

☐ 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
<u>REQUIRED COURSES</u>			
I ____	Science I _____	3.0	_____
II ____	Science II _____	3.0	_____
II ____	Science Lab _____	1.0	_____
I ____	MA115 – Calculus I	3.0	_____
II ____	MA116 – Calculus II	3.0	_____
IV ____	MA222 – Probability and Statistics	3.0	_____
V ____	MA331 – Statistical Methods	3.0	_____
III ____	MGT111 – Organizational Behavior & Social Psych.	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	_____
VI ____	CS488 – Computer Architecture	3.0	_____
VI ____	CS492 – Operating Systems	3.0	_____
VII ____	CS506 – Introduction to IT Security	3.0	_____
VII ____	CS423 – Senior Design I	3.0	_____
V ____	CS511 – Concurrent Programming	3.0	_____
VIII ____	CS424 – Senior Design II	3.0	_____

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

☐ Original ☐ Revision

☐ 2nd Degree

Bachelor of Science - Computer Science - Students Entering Fall 2011

☐ 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): _____

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

NOTES:

1. CS115 assumes that the student has prior experience with programming in C++, Java, or some other major imperative programming language. 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. CS 105 may be used as a Computer Science or a Free Elective.

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

3. Courses beyond the B.S. requirements to defer to graduate program (mark GD). Courses beyond the B. S. requirements to meet minor requirements, to meet second degree requirements, or extra courses (mark XT).

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

UG Records Auditor: _____ Date: _____