

Bachelor of Science - Computer Science - Students Entering 2008 Fall
 Study Plan / **Application for Candidacy** (check one) **or later**

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., 2002F, 2003S, 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	4.0/4.0	_____
II	Science II _____	3.0	_____	I	CS146 – Web Fundamentals	3.0	_____
II	Science Lab _____	1.0	_____	II	CS135 – Discrete Structures	3.0	_____
I	MA115 – Calculus I	3.0	_____	II	CS284 or CS182 - Data Structures	4.0/4.0	_____
II	MA116 – Calculus II	3.0	_____	III	CS334 – Automata & Computation	3.0	_____
IV	MA222 – Probability and Statistics	3.0	_____	III	CS383 – Computer Organization & Programming	3.0	_____
V	MA331 – Statistical Methods	3.0	_____	III	CS385 - Algorithms	4.0	_____
III	MGT111 – Organizational Behavior & Social Psych.	3.0	_____	IV	CS347 – Software Development Process	3.0	_____
I	PE100 - Physical Education I	1.0	_____	IV	CS392 - Systems Programming	3.0	_____
II	PE200 - Physical Education II	1.0	_____	IV	CS496 – Principles of Programming Languages	3.0	_____
III	PE200 - Physical Education III	1.0	_____	V	CS442 - Database Management Systems	3.0	_____
IV	PE200 - Physical Education IV	1.0	_____	V	CS511 – Concurrent Programming	3.0	_____
				VI	CS488 – Computer Architecture	3.0	_____
				VI	CS492 – Operating Systems	3.0	_____
				VII	CS551 – Software Engineering and Practice I	3.0	_____
				VII	CS573 – Fundamentals of Cybersecurity	3.0	_____
				VIII	CS552 - Software Engineering & Practice II	3.0	_____

Student Signature: _____ Date: _____

Original Revision

Faculty Advisor Signature: _____ Date: _____

2nd Degree

UG Records Auditor: _____ Date: _____



Bachelor of Science - Computer Science - Students Entering 2008 Fall

Stevens Institute of Technology
 Castle Point on Hudson
 Hoboken, NJ 07030
 Office of the Registrar
 201.216.5210
 FAX 201.216.8030

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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			
VII	_____	3.0	_____	II	_____	3.0	_____
VIII	_____	3.0	_____	III	_____	3.0	_____
<u>SOFTWARE DEVELOPMENT ELECTIVE</u>				IV	_____	3.0	_____
VI	_____	3.0	_____	V	_____	3.0	_____
<u>SCIENCE/MATH ELECTIVES</u>				V	_____	3.0	_____
VI	_____	3.0	_____	VI	_____	3.0	_____
VII	_____	3.0	_____	VII	_____	3.0	_____
<u>FREE ELECTIVES</u>				VIII	_____	3.0	_____
VIII	_____	3.0	_____	<u>ADDITIONAL COURSES</u> ³			
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.
 2. The Humanities courses must be 2 Group A, 2 Group B and 4 300/400 level courses one of which must be HSS371.
 3. Courses beyond the B.S. requirements whether to meet minor requirements, to meet second degree requirements, to defer to graduate program (mark GD) or extra courses (e.g. from change in field of study; mark XT).

Student Signature: _____ Date: _____ Original Revision

Faculty Advisor Signature: _____ Date: _____ 2nd Degree

UG Records Auditor: _____ Date: _____