

Bachelor of Science - Computer Science - Students Entering 2006 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	_____ CH115 (CH107/9) - General Chemistry I	3.0	_____	I	_____ CS115 or CS181 - Introduction to Computer Science ¹	4.0/4.0	_____
I	_____ PEP111 - Mechanics	3.0	_____	II	_____ CS284 or CS182 - Data Structures	4.0/4.0	_____
I	_____ CH117 or PEP 221	1.0	_____	IV	_____ CS335 - Computer Structures		
II	_____ CH281 or PEP 112	3.0	_____		or CS347 Software Development Process	3.0	_____
II	_____ CH282 or PEP 222	1.0	_____	III	_____ CS383 - Computer Org. & Assembly	3.0	_____
				III	_____ CS385 - Algorithms	4.0	_____
I	_____ MA115 - Mathematical Analysis I	3.0	_____	VI	_____ CS488 - Computer Architecture	3.0	_____
II	_____ MA116 - Mathematical Analysis II	3.0	_____	III	_____ CS434 - Theory of Computation		
II	_____ MA134 - Discrete Mathematics	3.0	_____		or CS334 Automata and Computation	3.0	_____
IV	_____ MA222 - Probability and Statistics	3.0	_____	VI	_____ CS492 - Operating Systems	3.0	_____
				III	_____ CS496 - Programming Languages	3.0	_____
I	_____ PE200 - Physical Education I	1.0	_____	V	_____ CS442 - Database Management Systems	3.0	_____
II	_____ PE200 - Physical Education II	1.0	_____	IV	_____ CS494 - Compilers Design		
III	_____ PE200 - Physical Education III	1.0	_____		or CS392 Systems Programming		
IV	_____ PE200 - Physical Education IV	1.0	_____		or CS511 Concurrent Programming	3.0	_____
V	_____ PE200 - Physical Education V	1.0	_____	VII	_____ CS551 - Software Engineering & Practice I	3.0	_____
VI	_____ PE200 - Physical Education VI	1.0	_____	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 2006 Fall

Study Plan / Application for Candidacy (check one) **or later**

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>COMPUTER SCIENCE ELECTIVES</u>				<u>HUMANITIES</u> ³		
VII	_____	3.0	_____	II	_____	3.0	_____
VIII	_____	3.0	_____	III	_____	3.0	_____
	<u>COMPUTER SCIENCE/FREE OR APPLICATION AREA ELECTIVES</u> ²			III	_____	3.0	_____
	_____	3.0	_____	IV	_____	3.0	_____
	_____	3.0	_____	V	_____	3.0	_____
	_____	3.0	_____	VI	_____	3.0	_____
	_____	3.0	_____	VII	_____	3.0	_____
	_____	3.0	_____	VII	_____	3.0	_____
	<u>MANAGEMENT ELECTIVE</u> ⁴			VIII	_____	3.0	_____
	_____	3.0	_____				
	<u>SCIENCE/MATH ELECTIVE</u>				<u>ADDITIONAL COURSES</u> ⁵		
	_____	3.0	_____		_____	_____	_____
					_____	_____	_____
					_____	_____	_____
					_____	_____	_____
					_____	_____	_____

- NOTES:
- CS115 assumes that the student has prior experience with programming in C++, Java, or some other imperative programming language. Students that 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.
 - If these four courses are not from a department approved application area, then three must be computer science courses and the fourth is a free elective.
 - Students must take nine Humanities courses, including four 100-Level (two in Group A - Literature or Philosophy and two in Group B - History and Social Sciences) and four upper division electives (300 or 400 level). One of the Humanities courses must be HSS371 Computers and Society, which counts as an upper division elective.
 - The Management Elective must be MGT243, MGT111 or BT421.
 - 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: _____