



Bachelor of Science - Computer Science - Students Entering 2002 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): _____

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	_____ CH117 - General Chemistry. Lab I	1.0	_____	II	_____ CS284 or CS182 - Data Structures & Algorithms I	3.0/4.0	_____
II	_____ CH281 - Biology and Biotechnology	3.0	_____	III	_____ CS335 - Computer Structures	3.0	_____
II	_____ CH282 - Biology Lab	1.0	_____	III	_____ CS383 - Computer Org. & Assembly	3.0	_____
I	_____ MA115 - Mathematical Analysis I	3.0	_____	III	_____ CS385 - Adv. Data Struct.& Object Oriented Design	3.0	_____
II	_____ MA116 - Mathematical Analysis II	3.0	_____	IV	_____ CS488 - Computer Architecture	3.0	_____
II	_____ MA334 - Discrete Mathematics	3.0	_____	IV	_____ CS434 - Theory of Computation	3.0	_____
IV	_____ MA222 - Probability and Statistics	3.0	_____	V	_____ CS492 - Operating Systems	3.0	_____
I	_____ PEP111 - Mechanics	3.0	_____	V	_____ CS496 - Programming Languages	3.0	_____
I	_____ PE200 - Physical Education I	1.0	_____	VI	_____ CS442 - Database Management Systems	3.0	_____
II	_____ PE200 - Physical Education II	1.0	_____	VI	_____ CS494 - Compilers Design	3.0	_____
III	_____ PE200 - Physical Education III	1.0	_____	VII	_____ CS551 - Software Engineering & Practice I	3.0	_____
IV	_____ PE200 - Physical Education IV	1.0	_____	VIII	_____ CS552 - Software Engineering & Practice II	3.0	_____
V	_____ PE200 - Physical Education V	1.0	_____				
VI	_____ PE200 - Physical Education VI	1.0	_____				

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>COMPUTER SCIENCE ELECTIVES</u>				<u>HUMANITIES</u> ³		
VII	_____	3.0	_____	I	_____	3.0	_____
VIII	_____	3.0	_____	II	_____	3.0	_____
	<u>COMPUTER SCIENCE OR APPLICATION AREA ELECTIVES</u>			III	_____	3.0	_____
	_____	3.0	_____	III	_____	3.0	_____
	_____	3.0	_____	IV	_____	3.0	_____
	_____	3.0	_____	V	_____	3.0	_____
	_____	3.0	_____	VI	_____	3.0	_____
	_____	3.0	_____	VII	_____	3.0	_____
	<u>MANAGEMENT ELECTIVE</u> ²			VIII	_____	3.0	_____
	_____	3.0	_____		<u>ADDITIONAL COURSES</u> ⁴		
	<u>SCIENCE ELECTIVE</u>			_____	_____	_____	_____
	_____	3.0	_____	_____	_____	_____	_____
	<u>FREE ELECTIVE</u>			_____	_____	_____	_____
VIII	_____	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 SC385 in Term IV (deferring the Term IV elective).
 - The Management Elective must be MGT243, MGT111 or BT121.
 - The Humanities courses must include at least one of the following courses: HPL339, HPL455, HSS371 OR HSS429.
 - 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: _____