

Bachelor of Science - CyberSecurity - Students Entering Fall 2007
 Study Plan / Application for Candidacy (check one) **or later**

Name: _____ ID: _____ - _____ - _____ Class: _____ Box S- _____ E-mail: _____

Major Concentration Field: Cyber Security 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	_____ BT131 - Technogenesis: Intro. to Innov. and Creat.	3.0	_____	I	_____ CS115 or CS181 - Introduction to Computer Science ¹	4.0/4.0	_____
I	_____ Science I _____	3.0	_____	II	_____ CS284 or CS182 - Data Structures & Algorithms I	4.0/4.0	_____
II	_____ Science II _____	3.0	_____	III	_____ CS334 - Theory of Computation	3.0	_____
II	_____ Science Lab _____	1.0	_____	III	_____ CS383 - Computer Org. & Assembly	3.0	_____
I	_____ MA115 - Calculus I	3.0	_____	III	_____ CS385 - Adv. Data Struct.& Object Oriented Design	4.0	_____
II	_____ MA116 - Calculus II	3.0	_____	IV	_____ CS347 - Software Development Process	3.0	_____
II	_____ MA134 - Discrete Mathematics	3.0	_____	IV	_____ CS392 - Systems Programming	3.0	_____
IV	_____ MA222 - Probability and Statistics	3.0	_____	IV	_____ 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	_____	V	_____ CS/MA503 - Discrete Math for Cryptography	3.0	_____
III	_____ PE200 - Physical Education III	1.0	_____	V	_____ CS511 - Concurrent Programming	3.0	_____
IV	_____ PE200 - Physical Education IV	1.0	_____	V	_____ CS573 - Fundamentals of CyberSecurity	3.0	_____
V	_____ PE200 - Physical Education V	1.0	_____	VI	_____ CS488 - Computer Architecture	3.0	_____
VI	_____ PE200 - Physical Education VI	1.0	_____	VI	_____ CS492 - Operating Systems	3.0	_____
				VI	_____ CS578 - Privacy in a Networked World	3.0	_____
				VI	_____ CS579 - Foundations of Cryptography	3.0	_____
				VII	_____ CS551 - Software Engineering & Practice I ²	3.0	_____
				VII	_____ CS576 - Secure Systems	3.0	_____
				VII	_____ CS577 - CyberSecurity Lab	3.0	_____
				VIII	_____ CS552 - Software Engineering & Practice II ²	3.0	_____

Student Signature: _____ Date: _____

Original Revision

Faculty Advisor Signature: _____ Date: _____

2nd Degree

UG Records Auditor: _____ Date: _____



Bachelor of Science - CyberSecurity - Students Entering Fall 2007

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: Cyber Security 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>CYBERSECURITY ELECTIVES</u>				III	_____	3.0	_____
VIII	_____	3.0	_____	IV	_____	3.0	_____
<u>FREE ELECTIVE</u>				V	_____	3.0	_____
VIII	_____	3.0	_____	VI	_____	3.0	_____
				VII	_____	3.0	_____
				VIII	_____	3.0	_____
				<u>ADDITIONAL COURSES</u>⁴			
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____

- 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. Students must choose a security related project. The CyberSecurity advisors are a resource for project selection and execution.
 3. The Humanities courses must 2 Group A, 2 Group B and 4 300/400 level courses one of which must be HSS371.
 4. 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: _____