

Bachelor of Science - CyberSecurity - Students Entering Fall 2009

☐ 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): _____

8Instructions 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
<u>REQUIRED COURSES</u>			
I ____	BT131 - Technogenesis: Intro. to Innov. and Creat.	3.0	____
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	____
I ____	PE100 - Physical Education I	1.0	____
II ____	PE200 - Physical Education II	1.0	____
III ____	PE200 - Physical Education III	1.0	____
IV ____	PE200 - Physical Education IV	1.0	____

Term	Course	Credits	Grade
<u>REQUIRED COURSES</u>			
I ____	CS115 or CS181 - Introduction to Computer Science ¹	4.0/4.0	____
II ____	CS135 - Discrete Structures	4.0	____
II ____	CS284 or CS182 - Data Structures & Algorithms I	4.0/4.0	____
III ____	CS334 - Theory of Computation	3.0	____
III ____	CS383 - Computer Org. & Assembly	3.0	____
III ____	CS385 - Adv. Data Struct.& Object Oriented Design	4.0	____
IV ____	CS347 - Software Development Process	3.0	____
IV ____	CS392 - Systems Programming	3.0	____
IV ____	CS496 - Programming Languages	3.0	____
V ____	CS442 - Database Management Systems	3.0	____
V ____	CS/MA503 - Discrete Math for Cryptography	3.0	____
V ____	CS511 - Concurrent Programming	3.0	____
V ____	CS506 - Introduction to IT Security	3.0	____
VI ____	CS488 - Computer Architecture	3.0	____
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: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

☐ Original ☐ Revision

☐ 2nd Degree



Bachelor of Science - CyberSecurity - Students Entering Fall 2009

☐ 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: 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 must approve the topic and a CyberSecurity faculty member must supervise the project.

3. The Humanities courses must be 2 Group A, 2 Group B from published list and 4 300/400 level courses one of which must be HSS371. None of the 300/400 level hums may have the prefix HAR or HMU without advisor approval prior to enrolling.

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 X)

Student Signature: _____ Date: _____

☐ Original ☐ Revision

Faculty Advisor Signature: _____ Date: _____

☐ 2nd Degree

UG Records Auditor: _____ Date: _____

