

Bachelor of Science - CyberSecurity - Students Entering Fall 2013

☐ Study Plan / ☐ Application for Candidacy (check one)

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): _____

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., 02F, 03S, 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	_____	III	CS306 – Introduction to IT Security	3.0	_____
II	Science II	3.0	_____	III	CS334 – Automata & Computation	3.0	_____
II	Science Lab	1.0	_____	III	CS383 - Computer Org. & Programming	3.0	_____
				III	CS385 – Algorithms	4.0	_____
I	MA121 – Differential Calculus	2.0	_____	IV	CS347 – Software Development Process	3.0	_____
I	MA122 – Integral Calculus	2.0	_____	IV	CS392 - Systems Programming	3.0	_____
II	MA123 – Series, Vectors, Functions, and Surfaces	2.0	_____	IV	CS496 – Prin. of Programming Languages	3.0	_____
II	MA124 - Calculus for Functions of Two Variables	2.0	_____	V	CS442 - Database Management Systems	4.0	_____
IV	MA222 - Probability and Statistics	3.0	_____	V	CS443 - Database Practicum	4.0	_____
				V	CS/MA503 - Discrete Math for Cryptography	3.0	_____
I	PE200 - Physical Education I	0.0	_____	V	CS576 - Secure Systems	3.0	_____
II	PE200 - Physical Education II	0.0	_____	V	CS577 - CyberSecurity Lab	3.0	_____
III	PE200 - Physical Education III	0.0	_____	VI	CS488 - Computer Architecture	3.0	_____
IV	PE200 - Physical Education IV	0.0	_____	VI	CS492 - Operating Systems	3.0	_____
				VI	CS578 - Privacy in a Networked World	3.0	_____
				VI	CS579 - Foundations of Cryptography	3.0	_____
I	CS115 or CS181 - Introduction to Computer Science ¹	4.0	_____	VII	CS425 – Cybersecurity Capstone I	3.0	_____
I	CS146 – Intro to Web Prog. & Proj. Dev.	3.0	_____	VII	CS485 – Societal Impact of IT	1.0	_____
II	CS135 - Discrete Structures	4.0	_____	VII	– Information Security & the Law	3.0	_____
II	CS284 or CS182 - Data Structures	4.0	_____	VII	CS511 - Concurrent Programming	3.0	_____

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

☐ Original ☐ Revision

☐ 2nd Degree

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Term	Course	Credits	Grade	Term	Course	Credits	Grade
	<u>REQUIRED COURSES</u>				<u>HUMANITIES</u> ³		
VIII ____	CS426 – Cybersecurity Capstone II	3.0	____	I ____	CAL 103 / CAL 105	3.0	____
VIII ____	CS521 – TCP/IP Networking	3.0	____	II ____	CAL 105 / CAL 103	3.0	____
	<u>COMPUTER SCIENCE ELECTIVES</u>			III ____	HSS 371 / HPL 455	3.0	____
VII ____	_____	3.0	____	IV ____	Humanities 100/200 level (not HAR or HMU)	3.0	____
	<u>CYBERSECURITY ELECTIVES</u>			VI ____	Humanities 300 level (not HAR or HMU)	3.0	____
VII ____	_____	3.0	____	VIII ____	Humanities (not HAR or HMU)	3.0	____
VIII ____	_____	3.0	____		<u>ADDITIONAL COURSES</u> ⁴		
	<u>FREE ELECTIVE</u>			_____	_____	_____	_____
VIII ____	_____	3.0	____	_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____

NOTES:

1. 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. If a student starts with CS 105, then CS 105 may be used as a Computer Science or a Free Elective but in all cases CS 105 must be taken prior to CS 115.

3. The Humanities courses must have your advisor's approval prior to enrolling.

4. Mark "GD" courses beyond the B.S. requirements to defer to graduate program. Mark "XT" courses beyond the B.S. requirements to meet minor requirements, to meet second degree requirements, or extra courses.

5. Enter your Computer Science AP credit or a free elective if you completed CS181/CS182.

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

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