

Bachelor of Science - CyberSecurity - Students Entering Fall 2010

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
		REQUIRED COURSES			Term	Course	Credits	Grade
Ι		BT131 - Technogenesis: Intro. to Innov. and Creat.	3.0			REQUIRED COURSES		
					I	CS115 or CS181 - Introduction to Computer Scien	$ce^{1} 4.0/4.0$	
Ι		Science I	3.0		II	CS135 - Discrete Structures	4.0	
П		Science II	3.0		II	CS284 or CS182 - Data Structures	4.0/4.0	
II		Science Lab	1.0		III	CS334 - Theory of Computation	3.0	
п			1.0		III	CS383 - Computer Org. & Assembly	3.0	
					III	CS385 – Algorithms5	4.0	
Ι		MA115 - Calculus I	3.0		IV	CS347 – Software Development Process	3.0	
II		MA116 - Calculus II	3.0		IV	CS392 - Systems Programming	3.0	
IV		MA222 - Probability and Statistics	3.0		IV	CS496 - Programming Languages	3.0	
					V	CS442 - Database Management Systems	4.0	
T		PE200 - Physical Education I	1.0		V	CS/MA503 - Discrete Math for Cryptography	3.0	
1					V	CS511 - Concurrent Programming	3.0	
Π		PE200 - Physical Education II	1.0		V	CS506 - Introduction to IT Security	3.0	
III		PE200 - Physical Education III	1.0		VI	CS488 - Computer Architecture	3.0	
IV		PE200 - Physical Education IV	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	CS423 - Software Engineering Practice I 2	3.0	
					VII	CS576 - Secure Systems	3.0	
					VII	CS577 - CyberSecurity Lab	3.0	
					VIII	CS424 - Software Engineering Practice II $^{\rm 2}$	3.0	·
Student Signature:					Date: [□ Original □	Revision	
Faculty Advisor Signature:						Date:	□ 2 nd Degree	
UG Records Auditor:						Date:		
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Name:			ID:		Cla	ass:	Box S	E-mail:		
Major Con	centration Field: Cyber Security			Minor F	Field(s)	(If Any):				
Term	Course COMPUTER SCIENCE ELECTIVES	Credits	Grade		Term Term	Course Course			Credits Credits	Grade Grade
VII		3.0				HUMAN				
	CYBERSECURITY ELECTIVES									
VIII		3.0								
	FREE ELECTIVE									
VIII		3.0								
							DNAL COURSES			
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.

Students must choose a security related project. The CyberSecurity advisors must approve the topic and a CyberSecurity faculty member must supervise the project.
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)

5. Enter free elective course if you took CS181/CS18

Student Signature:	Date:	□ Original □ Revision
Faculty Advisor Signature:	Date:	$\square 2^{nd}$ Degree
UG Records Auditor:	Date:	
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