

**Bachelor of Science - CyberSecurity - Students Entering Fall 2008**  
 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	Term	Course	Credits	Grade
<b><u>REQUIRED COURSES</u></b>				<b><u>REQUIRED COURSES</u></b>			
I	BT131 - Technogenesis: Intro. to Innov. and Creat.	3.0	_____	I	CS115 or CS181 - Introduction to Computer Science <sup>1</sup>	4.0/4.0	_____
I	Science I _____	3.0	_____	II	CS135 - Discrete Structures	3.0	_____
II	Science II _____	3.0	_____	II	CS284 or CS182 - Data Structures & Algorithms I	4.0/4.0	_____
II	Science Lab _____	1.0	_____	III	CS334 - Theory of Computation	3.0	_____
I	MA115 - Calculus I	3.0	_____	III	CS383 - Computer Org. & Assembly	3.0	_____
II	MA116 - Calculus II	3.0	_____	III	CS385 - Adv. Data Struct.& Object Oriented Design	4.0	_____
IV	MA222 - Probability and Statistics	3.0	_____	IV	CS347 - Software Development Process	3.0	_____
I	PE100 - Physical Education I	1.0	_____	IV	CS392 - Systems Programming	3.0	_____
II	PE200 - Physical Education II	1.0	_____	IV	CS496 - Programming Languages	3.0	_____
III	PE200 - Physical Education III	1.0	_____	V	CS442 - Database Management Systems	3.0	_____
IV	PE200 - Physical Education IV	1.0	_____	V	CS/MA503 - Discrete Math for Cryptography	3.0	_____
				V	CS511 - Concurrent Programming	3.0	_____
				V	CS573 - Fundamentals of CyberSecurity	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 <sup>2</sup>	3.0	_____
				VII	CS576 - Secure Systems	3.0	_____
				VII	CS577 - CyberSecurity Lab	3.0	_____
				VIII	CS552 - Software Engineering & Practice II <sup>2</sup>	3.0	_____

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Original  Revision

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

2<sup>nd</sup> Degree

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_

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Major Concentration Field: Cyber Security Minor Field(s) (If Any): \_\_\_\_\_

Term	Course	Credits	Grade	Term	Course	Credits	Grade
<b><u>COMPUTER SCIENCE ELECTIVES</u></b>				<b><u>HUMANITIES</u></b> <sup>3</sup>			
VII	_____	3.0	_____	II	_____	3.0	_____
VIII	_____	3.0	_____	III	_____	3.0	_____
<b><u>CYBERSECURITY ELECTIVES</u></b>				III	_____	3.0	_____
VIII	_____	3.0	_____	IV	_____	3.0	_____
<b><u>FREE ELECTIVE</u></b>				V	_____	3.0	_____
VIII	_____	3.0	_____	VI	_____	3.0	_____
				VII	_____	3.0	_____
				VIII	_____	3.0	_____
				<b><u>ADDITIONAL COURSES</u></b> <sup>4</sup>			
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____
				_____	_____	_____	_____

- 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: \_\_\_\_\_  2<sup>nd</sup> Degree  
 UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_