COMPUTER SCIENCE BS/ MS IN CYBER SECURITY ACCELERATED PROGRAM

To enable high-achieving and motivated students to earn both a bachelor degree in Computer Science and a graduate degree in Cyber Security in five years, we offer a combined accelerated program. Students in the accelerated program can start to take graduate courses in the senior year and finish both the undergraduate degree in Computer Science and the graduate degree in Cyber Security in five years.

A student in the BS in CS program needs to apply for the accelerated program by the end of the semester prior to the senior year. The admission standard to the Accelerated Program should be consistent with the MS in Cyber Security program. Students in the accelerated program should meet the program requirements of both BS in CS and MS in Cyber Security programs.

- Major in Computer Science (https://catalog.roosevelt.edu/undergraduate/health-science/computer-science-bs/)
- Completion of 60 credit hours of undergraduate course work
- Have and maintain a minimum grade point average of 3.0
- Obtain permission from the Director of Cyber Security to take the required graduate courses as an undergraduate. In addition to the normal courses in the BSCS, students are also required to take CST 301 COMPUTER NETWORKING as part of their undergraduate degree.
- As part of their undergraduate degree, students must take a minimum of their last 30 credit hours at Roosevelt University or complete a minimum of 60 hours in-residence at Roosevelt University excluding the number hours in the exception request.
- Upon completion of the Computer Science BS, apply to the MS in Cyber Security program under the normal admission process.

The student will take the following three MS in Cyber Security graduate courses as part of the Computer Science BS. All of the courses will be applied toward the MS in Cyber Security degree once the student is admitted to the MS in Cyber Security program.

Graduate Courses

Code	Title	Credit Hours
CSIA 401	INTRO TO COMPUTER SECURITY (Fall)	3
CSIA 438	SECURE SOFTWARE ENGINEERING (Fall)	3
CSIA 451	NETWORK SECURITY (Spring)	3

Your degree map is a general guide suggesting courses to complete each term on the academic pathway to your degree. It is based on the most current scheduling information from your academic program. Your program's degree map is reviewed annually and updated as schedules change (although you retain the same course requirements as long as you are continuously enrolled in your degree program).

Always work closely with your academic advisor to understand curriculum requirements and scheduling, as each student's academic plan can look slightly different.

Year 1

Fall	Credit Hours	Spring	Credit Hours
ENG 101	3	ENG 102	3
FYS 101	1	MATH 217	3
MATH 121	3	CST 150	4
Social Science #1	3	Ideas of Social Justice	3
Humanities #1	3	MATH 122	3
BIOL 111 or 112[2]	4		
	17		**16**

Year 2

Fall	Credit Hours	Spring	Credit Hours
CST 250	4	CST 261	3
MATH 245	3	CST 280	3
COMM 101	3	MATH 246	3
Physical Science[2]	3	Humanities #2	3
		Social Science #2	3
	13		**15**

Year 3

Fall	Credit Hours	Spring	Credit Hours
CST 372	3	CST 333	3
CST 301	3	General Elective[1]	3
CST 317	3	Social Science #3	3
MATH 231	5	Experiential Learning #1[3]	3
		General Elective[1]	3
	14		**15**

Year 4

Fall	Credit Hours	Spring	Credit Hours
CST 348	3	CST 378, 394, or 399[4]	3
CSIA 401	3	CSIA 451	3
CSIA 438	3	General Elective[1]	3
General Elective[1]	3	Humanities #3	3
General Elective[1]	3	General Elective[1]	3
	15		**15**

Year 5

Fall	Credit Hours	Spring	Credit Hours
CST 475	3	CSIA 411	3
CST 457	3	CSIA 409	3
CSIA 485	3	CSIA 499	3
		CST 467	3
	9		**12**

Total Credit Hours 141

1 Or course towards an optional Minor.
2 One Natural Science course must have a lab and one must come from BIOL.
3 Experiential Learning class must be 200/300 level. Satisfies CORE Experiential Learning requirement.

[4] If student selects CST 394 COMPUTER SCIENCE INTERNSHIP, student will need to replace an Elective with an Experiential Learning course at the 200/300 level.