

CYBER SECURITY & INFORMATION ASSURANCE, BS/MS ACCELERATED PROGRAM

To enable high-achieving and motivated students to earn both a bachelor degree and a graduate degree in Cyber Security & Information Assurance 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 and graduate degrees in Cyber Security & Information Assurance in five years.

- Major in Cyber Security & Information Assurance (<http://catalog.roosevelt.edu/undergraduate/health-science/cyber-information-security-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 Cyber Security & Information Assurance (CSIA) director to take the required CSIA courses
- Upon completion of the Cyber Security & Information Assurance BS, apply to the MS CSIA program under the normal admission process (<http://catalog.roosevelt.edu/graduate/admission/>).

The student will take the following three CSIA graduate courses as part of the Cyber Security & Information Assurance BS. All three of the courses will count toward the MS CSIA degree once the student is admitted to the MS CSIA program.

Code	Title	Credit Hours
CSIA 401	INTRO TO COMPUTER SECURITY	3
CSIA 438	SECURE SOFTWARE ENGINEERING	3
CSIA 451	NETWORKS SECURITY	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
FYS 101		1 ENG 102	3
ENG 101		3 MATH 217	3
MATH 121		3 CSIA 150	4
BIOL 111 or 112 ¹		4 Social Science # 2	3
Social Science # 1		3 Ideas of Social Justice	3
		14	16

Year 2			
Fall	Credit Hours	Spring	Credit Hours
COMM 101		3 CSIA 261	3
Physical Science ¹		3 CSIA 318	3
CSIA 236 or 250		3 Social Science # 3	3
General Elective		3 Humanities # 2	3
Humanities #1		3 General Elective	3
		15	15

Year 3			
Fall	Credit Hours	Spring	Credit Hours
CSIA 301		3 CSIA 355	3
CSIA 317		3 CSIA 3XX ⁷	3
CSIA 333		3 Science Elective ⁵	3
MATH 245 ⁵		3 Experiential Learning #1 ²	3
Humanities # 3		3 General Elective	3
		15	15

Year 4			
Fall	Credit Hours	Spring	Credit Hours
CSIA 3XX ⁷		3 CSIA 399 ²	3
CSIA 3XX ⁷		3 CSIA 451	3
General Elective		3 CSIA 438	3
CSIA 401		3 General Elective ²	3
Science Elective ⁵		3 Science Elective ⁵	3
		15	15

Year 5			
Fall	Credit Hours	Spring	Credit Hours
CSIA 485 ⁴		3 CSIA 490, 494, or 499	3
Security Elective ³		3 Security Elective ³	3
Graduate Major Elective ⁶		3 Graduate Major Elective ⁶	3
Graduate Major Elective ⁶		3	
		12	9

Total Credit Hours 141

1

One Natural Science course must have a lab and one must come from BIOL.

2

Experiential Learning class must be 200/300 level. Satisfies CORE Experiential Learning requirement.

3

Choose from CSIA 409 CLOUD COMPUTING AND SECURITY, CSIA 410 PLANNING AND BUDGETING THE CISO LIFECYCLE, CSIA 414 ENTERPRISE CONTINUITY & RECOVERY PLANNING, or CSIA 475 COMPUTER FORENSICS.

4

Students will take an graduate major elective if completing the Internship option.

2 Cyber Security & Information Assurance, BS/MS Accelerated Program

5

Students can choose elective from any science discipline. MATH 245 counts as one science elective.

6

Any graduate course from CST or CSIA.

7

Any 300 level CSIA course