

INFORMATION TECHNOLOGY, BA/MS CYBER SECURITY AND INFORMATION ASSURANCE ACCELERATED PROGRAM

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

Requirements page:

- Major in Information Technology (<http://catalog.roosevelt.edu/undergraduate/arts-sciences/data-analytics-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 Information Technology BA, 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 Information Technology BA. All of the courses will receive credit toward the MS CSIA degree once the student is admitted to the MS CSIA program.

Code	Title	Credit Hours
CSIA 411	CYBER ETHICS, PRIVACY, & LEGAL	3
CSIA 451	NETWORKS SECURITY	3
CSIA 438	SECURE SOFTWARE ENGINEERING	3

Year 1

Fall	Credit Hours	Spring	Credit Hours
ENG 101	3	ENG 102	3
FYS 101	3	1 Ideas Across Disciplines	3
CST 100 or 101	3	CST 150	4
MATH 121	3	MATH 217	3
BIOL 111 or 112 ⁴	4	Social Science #1	3
		14	16

Year 2

Fall	Credit Hours	Spring	Credit Hours
CST 250	3	COMM 101	4
Experiential Learning #1 ⁵	3	CST 270	3
Physical Science Course ⁴	3	Humanities #2	3
Social Science #2	3	Social Science #3	3
Humanities #2	3	CST 318	3
		16	15

Year 3

Fall	Credit Hours	Spring	Credit Hours
CST 301	3	CST 2XX or CST 3XX	3
General Elective ¹	3	CST 327	3
CST 333	3	CST 368	3
Humanities #3	3	General Elective ¹	3
General Elective ¹	3	General Elective ¹	3
		15	15

Year 4

Fall	Credit Hours	Spring	Credit Hours
CSIA 411	3	CSIA 438	3
CST 2XX or CST 3XX ^{2,3}	3	CSIA 451	3
Experiential Learning #2 ⁵	3	General Elective ¹	3
General Elective ¹	3	General Elective ¹	3
General Elective ¹	3	General Elective ¹	2
		15	14

Year 5

Fall	Credit Hours	Spring	Credit Hours
CSIA 485 or CSIA 4XX ⁷	3	CSIA 490, 494, or 499	3
CSIA 401	3	CSIA 4XX	3
CSIA 4XX	3	Security Elective ⁶	3
Security Elective ⁶	3		
		12	9

Total Credit Hours 141

- ¹ Or course towards an optional Minor.
- ² Any course at the 200 level within the discipline.
- ³ Any course at the 300 level within the discipline.
- ⁴ One Natural Science course must have a lab.
- ⁵ Experiential Learning class must be 200/300 level. Satisfies CORE Experiential Learning requirement.
- ⁶ Choose from CSIA 409 CLOUD COMPUTING AND SECURITY, CSIA 410 PLANNING AND BUDGETING THE CISO LIFECYCLE, CSIA 414 ENTERPRISE CONTINUITY & RECOVERY PLANNING, CSIA 475 COMPUTER FORENSICS.
- ⁷ Students will take an elective if completing the Internship option.