

INFORMATION TECHNOLOGY, BA/MS COMPUTER SCIENCE ACCELERATED PROGRAM

To enable high-achieving and motivated students to earn a bachelor degree in Information Technology and a graduate degree in Computer Science 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 computer science in five years.

Requirements page:

- Major in Information Technology (<http://catalog.roosevelt.edu/undergraduate/arts-sciences/information-technology-ba/>)
- Completion of 60 credit hours of undergraduate course work
- Have and maintain a minimum grade point average of 3.0
- Obtain permission from the MSCS director to take the required MSCS courses
- Upon completion of the Information Technology BA, apply to the MSCS program under the normal admission process (<http://catalog.roosevelt.edu/graduate/admission/>).

The student will take the following three MSCS graduate courses as part of the Information Technology BA. All of the courses will receive credit toward the MSCS degree once the student is admitted to the MSCS program.

Code	Title	Credit Hours
CST 411	INTELLIGENCE SYSTEMS	3
CST 408	ADVANCED ALGORITHMS	3
CST 457	SYSTEMS PROGRAMMING	3
Total Credit Hours		9

Year 1

Fall	Credit Hours	Spring	Credit Hours
ENG 101	3	ENG 102	3
FYS 101	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	4	COMM 101	3
Experiential Learning #1 ⁵	3	CST 270	3
Physical Science Course ⁴	3	CST 318	3
Humanities #1	3	Humanities #2	3
Social Science #2	3	Social Science #3	3
		16	15

Year 3

Fall	Credit Hours	Spring	Credit Hours
CST 301	3	CST 280	3
CST 333	3	CST 327	3
MATH 245	3	CST 368	3
Humanities #3	3	MATH 246	3
General Elective ¹	3	General Elective ¹	3
		15	15

Year 4

Fall	Credit Hours	Spring	Credit Hours
CST 411	3	CST 261	3
Experiential Learning #2 ⁵	3	CST 457	3
General Elective ¹	3	CST 408	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
CST 421	3	CST 449	3
CST 485	3	CST 499	3
CST 4XX	3	CST 4XX	3
CST 4XX	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.