INFORMATION TECHNOLOGY, BA

The Information Technology degree covers the tools, techniques and technologies of information, data, and computing infrastructure from office software to network design and infrastructure. Students have a significant ability to tailor the degree to fit their own interest and to create their own area of concentration.

Requirements

- Students must maintain a 2.0 GPA in the major, and must earn grades of C- or higher in all major coursework.
- At least 30 credit hours of credit must be taken at Roosevelt University, with at least 15 of these in the major.
- Because of the rapidly changing nature of this field of study, computing courses taken more than eight years ago cannot be counted towards degree requirements unless the student has been continuously registered since the time the course was taken (excluding summers).

Code	Title	Credit Hours
Core		
CST 101	BEYOND PC ESSENTIALS	3
or CST 100	ESSENTIAL COMPUTER SKILLS	
CST 150	COMPUTER SCIENCE I	4
CST 250	COMPUTER SCIENCE II	4
CST 270	SYSTEMS ANALYSIS AND DESIGN	3
CST 301	COMPUTER NETWORKING	3
CST 318	INTRODUCTION TO UNIX	3
CST 327	SOFTWARE PROJECT MANAGEMENT	3
CST 333	DATABASE SYSTEMS	3
CST 368	INTERNET SECURITY	3
Major Electives [1,2]		**15**
Optional Minor for the BA in Information Technology: Business, Economics, or Math is recommended		
See the relevant section of the catalog for required courses for any chosen minor.		
General Education, University Writing Requirement, and Electives		
Courses to total 120		76
Total Credit Hours		**120**

Required Math Courses

Code	Title	Credit Hours
MATH 116	FINITE MATHEMATICS	3
or MATH 121	COLLEGE ALGEBRA	
MATH 217	ELEMENTARY STATISTICS	3

[1] Courses must be at 200/300 level and from Computer Science, Cyber Security and Information Assurance or Data Analytics with a minimum of 9 hours at the 300 level. Students may only apply up to 6 hours total among special topics courses, independent study, and internships.

[2] Students enrolled in the Accelerated 4+1 program BA Information Technology to MBA are allowed to take 3 graduate business courses (INFS 402, ACCT 405, MGMT 423) towards an MBA as three electives in the BAIT major as undergraduates.

CORE Requirements (General Education)

Code	Title	Credit Hours
First Year Success Course or Transfer Success Course		
FYS 101	FIRST YEAR SUCCESS COURSE	1
or TRS 101	TRANSFER SUCCESS 101	
Communication Requirement		
ENG 101	COMPOSITION I: CRITICAL READING & WRITING	3
ENG 102	COMPOSITION II: INTRODUCTION TO ACADEMIC RESEARCH	3
COMM 101	PUBLIC SPEAKING (or program specific CORE communications course)	3
Ideas of Social Justice		
3 credits in coursework categorized as Ideas.		3
Humanities and Fine and Performing Arts [2,3]		
9 credits from the following subject areas: African-American Studies, Art History, English (excluding ENG 101 and ENG 102), History, Languages, Music, Philosophy, Theatre, Communication and Women's and Gender Studies		9
Mathematics		
MATH 110	QUANTITATIVE LITERACY (or above) [1]	3
Science		
One biological science and one physical science required (one must include a one credit lab).		7-8
Social Sciences [2,3]		
9 credits from the following subject areas: African-American Studies, Criminal Justice, Economics, History, Journalism, Philosophy, Political Science, Psychology, Sociology and Women's and Gender Studies		9
Experiential Learning		
6 credits from coursework categorized as Experiential Learning.		6
Total Credit Hours		**47-48**

[1] Higher level of Math may be required by major

[2] Coursework must come from outside of students' major discipline

[3] A maximum of 9 credits can be applied from a single discipline towards humanities and social science requirements

These quantitative requirements also apply to degrees.

- Students must earn a minimum of 120 semester hours.
- Students may apply no more than 60 credit hours of 100-level courses toward the degree.
- Students must apply no fewer than 60 credit hours of 200- and 300-level courses toward the degree.
- Students must have at least 18 credit hours (of the 60 credit hours above) at the 300 level.
- Students may transfer in no more than 70 credit hours from community colleges.

- Students earning less than 60 total hours in residence must take their final 30 hours at Roosevelt University. Note that some majors have additional requirements for RU hours.
- Students must have a grade point average of 2.0 or higher to graduate. Note that some majors have additional GPA requirements.
- Students may apply no more than 51 hours in the major (BA) or 57 hours in the major (BS)

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	CST 150	4
CST 100 or 101	3	MATH 217	3
MATH 121	3	Ideas of Social Justice	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
Physical Science[4]	3	CST 270	3
Humanities #1	3	Humanities #2	3
Social Science #2	3	Social Science #3	3
General Elective[1]	3	CST 318	3
	16		**15**

Year 3

Fall	Credit Hours	Spring	Credit Hours
CST 301	3	Major Elective[2,3]	3
CST 333	3	CST 327	3
Experiential Learning #1[5]	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
Experiential Learning #2[5]	3	Major Elective[2,3]	3
Major Elective[2,3]	3	Major Elective[2,3]	3
Major Elective[2,3]	3	General Elective[1]	3
General Elective[1]	3	General Elective[1]	3
General Elective[1]	3	General Elective[1]	2
	15		**14**

Total Credit Hours 120

[1] Or course towards an optional Minor. Recommended minors include Business, Economics or Mathematics.

[2] Any course at 200/300 level in Computer Science or Cyber Security with a minimum of 9 hours at the 300 level. Students may only apply up to 6 hours total among special topics courses, independent study, and internships

[3] Students enrolled in the Accelerated 4+1 program BA Information Technology to MBA are allowed to take 3 graduate business courses (INFS 402 BUSINESS ANALYSIS, ACCT 405 ACCOUNTING FOR EXECUTIVES, MGMT 423 PEOPLE MANAGEMENT AND ORGANIZATIONAL BEHAVIOR) towards an MBA as three electives in the BAIT major as undergraduates

[4] One Natural Science course must have a lab and one course must be BIOL

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