

**Borough of Manhattan Community College A.S. Computer Science
to Excelsior College B.S. Information Technology**
Revision: March 2020

This program plan outlines how students can transfer from the **Borough of Manhattan Community College A.S. Computer Science** program to the **Excelsior College B.S. Information Technology** program. Upon completion of the **A.S.** the following credits will apply for students enrolling in the **B.S. Information Technology** program.

This guide is only a sample scenario. Excelsior College reviews every student individually. Actual requirements will be dependent on the courses a student transfers and the applications date with Excelsior.

Borough of Manhattan CC Credits	Semester Hours	Excelsior College Requirements	Semester Hours
ENG 101: English Composition and ENG 201: Introduction to Literature OR ENG 121: English Composition & Introduction to Literature in Tandem	6	Written English Requirement	6
Mathematical and Quantitative Reasoning (MAT 301: Analytic Geometry and Calculus I recommended)	4	Mathematics	4
PHY 215: University Physics I	4	Natural Sciences	4
SPE 100: Fundamentals of Speech OR SPE 102: Fundamentals of Speech for Non-Native Speakers	3	Communications Requirement	3
Individual and Society Core	3	Arts and Sciences Elective	3
CSC 101: Principles in Information Technology and Computation	3	Free Elective	3
Scientific World Core	3	Arts and Sciences Elective	3
U.S. Experience in its Diversity Core	3	Social Sciences/History Requirement	3
World Cultures and Global Issues Core	3	Humanities	3
CSC 111: Introduction to Programming	4	N/A	0
CSC 211: Advanced Programming Techniques	3	N/A	0
CSC 215: Fundamentals of Computer Systems	3	Free Elective	3
CSC 231: Discrete Structures and Applications to Computer Science	4	Discrete Math	4
CSC 331: Data Structures	3	Free Elective	3
CSC 350: Software Development	3	Free Elective	3
MAT 302: Analytics Geometry and Calculus II	4	Arts and Sciences Elective	4
General Elective	6	Arts and Sciences Elective	6
Total Credits Required for Associate	62	Total Credits Accepted From Associate	55

* Excelsior College requires credits in both College Algebra at the level of Pre-Calculus or above and Statistics. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior			
Borough of Manhattan CC Credits	Semester Hours	Excelsior College Requirements	
PHI 120: Ethics	3	Ethics Core	
Social Sciences / History	6	Social Sciences / History	
Arts and Sciences Electives	8	Arts and Science Electives	
Total Additional Credits	17		

* Excelsior College requires credits in both College Algebra at the level of Pre-Calculus or above and Statistics. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
IND 301: Cornerstone B (Pathways) (<i>MUST be completed with Excelsior</i>)	3
INL 102: Information Literacy (<i>MUST be completed with Excelsior</i>)	1
IT 210 Object Oriented Programming	3
IT 321 Computer Systems Architecture	3
IT 370 Database Management Systems	3
IT 250 Business Data Communications	3
IT 360 Operating Systems	3
IT 380 Overview of Computer Security	3
IT 390 Project Management	3
IT 371 Web Design and Development	3
IT 460 System Administration	3
IT 375 Human Computer Interactive Design	3
Technology Electives	15
IT*495: Integrated Technology Assessment (Capstone) <i>MUST be taken at Excelsior</i>	3
Total Credits	52

* The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another 4-year regionally accredited institution.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	55
Additional Credits Beyond the Associate Degree	17
Credits from Excelsior *	52
Total Credits Required for Bachelor's Degree	124

* Students are required to take a minimum of **12.00 credits** from Excelsior to qualify for partner pricing.

**NOTE: Excelsior College reviews every student individually and this guide is just a sample scenario.
Actual requirements will be dependent on the courses a student transfers to Excelsior.**

What are Arts and Sciences?

We offer the following definitions to help you make these determinations. Remember, however, that before you pay to take a course or examination you should always consult with your advisor to make sure that it will help meet your degree requirements.

Humanities

Humanities subjects focus on developing knowledge and skills in critical reading, logical thought, and esthetic appreciation. Here are some subject areas typically classified as Humanities:

Art, Music, Literature, Ethics, Religion, Philosophy, Foreign Language, Theater, Speech, Communication

Social Sciences and History

Social Sciences and History subjects focus on individuals and society and the processes individuals use to order their world. Here are some subject areas typically classified as Social Sciences and History

Psychology, Sociology, Political Science, Anthropology, Economics, Geography, History

Natural Sciences and Mathematics

Natural Sciences and Mathematics subjects focus on understanding the natural world and problem-solving processes. Here are some subject areas typically classified as Natural Sciences and Mathematics.

Anatomy and Physiology, Microbiology, Chemistry, Biology, College Algebra, Calculus, Genetics, Physics