



ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: Borough of Manhattan Community College (BMCC)
Department: Computer Information Systems
Program: Computer Information Systems
Degree: Associate of Science (A.A.S.)

Receiving College: CUNY School of Professional Studies
Department: Data Science and Information Systems
Program: Information Systems
Degree: B.S.

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Graduates of the Associate in Applied Science in Computer Information Systems from Borough of Manhattan Community College (BMCC) will qualify for admission into the CUNY School of Professional Studies (CUNY SPS) Bachelor of Science degree in Information Systems if they have maintained a minimum overall GPA of 2.5 and are in good standing at BMCC. In addition, applicants must have a grade of C or better in freshman composition, its equivalent, or a higher-level English course. Applicants will follow the standard admissions process, which includes completing a transfer application.

BMCC graduates will be awarded 60 transfer credits toward the bachelor's degree based on the current (fall 2017) Information Systems curriculum. Should that curriculum change, it will be necessary to reevaluate the transfer agreement. Upon matriculation into the B.S. in Information Systems, students will be required to fulfill electives and major requirements specified on the following pages.

Total transfer credits granted toward the baccalaureate degree: 60

Total additional credits required at the senior college to complete baccalaureate degree: 60

Total credits required to complete the Bachelor of Science degree in Information Systems: 120

C. TRANSFER CREDIT AWARDED

BMCC graduates who complete the A.A.S. in Computer Information Systems will receive 60 credits toward the Bachelor of Science degree (B.S.) degree in Information Systems at CUNY SPS.

<i>Common Core</i>	
<i>Required Common Core</i>	
English Composition	6
Mathematical & Quantitative Reasoning MAT 150 - Introduction to Statistics OR MAT 200 - Introduction to Discrete Mathematics OR MAT 206 - Precalculus OR MAT 301 - Analytical Geometry and Calculus I	4
Life & Physical Sciences AST 110 - General Astronomy OR PHY 110 - General Physics	4
<i>Total Required Common Core</i>	14
<i>Flexible Core</i>	
Choose 6 credits from 1 or 2 of the following areas: Creative Expression World Culture & Global Issues U.S. Experience in Its Diversity Individual & Society Scientific World	6
CSC 110 - Computer Programming I	4
<i>Total Flexible Core</i>	10
<i>Total Common Core</i>	24
<i>Curriculum Requirements</i>	
CSC 210 - Computer Programming II	4
CIS 345 - Telecommunication Networks I	4
CIS 440 - UNIX	3
CIS 395 - Database Systems I	4
CIS 495 - Database Systems II	3
CIS 385 - Web Programming I	3
CIS 485 - Web Programming II	3
ACC 122 - Accounting Principles I	3
BUS 104 - Introduction to Business OR BUS 200 - Business Organization and Management	3
Electives: Choose from ACC, BUS, CIS, CSC or MMP courses	6
<i>Total Curriculum Credits</i>	36
<i>Total Credits</i>	60

D. SUMMARY OF TRANSFER CREDITS FROM BMCC AND CREDITS TO BE COMPLETED AT CUNY SPS

B.S. in Information Systems – Management Track

	Credits for the BS	Transfer Credits	Credits to be Completed at SPS
General Education Requirements	36	24	12
Major Requirements	33	3	30
Management Track	15	3	12
Free Electives	36	30	6
	120	60	60

B.S. in Information Systems – Technical Track

	Credits for the BS	Transfer Credits	Credits to be Completed at SPS
General Education Requirements	36	24	12
Major Requirements	33	3	30
Technical Track ¹	15	9	3
Free Electives	36	24	15
	120	60	60

¹ The required course IS 210 – Software Application Programming I of the Technical Track is fulfilled with BMCC's CSC 110 - Computer Programming I. However, as CSC 110 fulfills a Flexible Core requirement, students will receive the credit for the course only once as part of the Common Core. As a result, the three credit gap will be fulfilled with a free elective.

E. SENIOR COLLEGE REQUIREMENTS FOR BACCALAUREATE DEGREE

Students will be required to take the following courses at CUNY SPS after completing the A.A.S, in Computer Information Systems at BMCC. Courses with an asterisk will not be required by students who have fulfilled the course equivalency at BMCC, as outlined in F.

B.S. in Information Systems – Management Track

Courses	Credits
<i>General Education Requirements</i>	12
Flexible Core – 6 credits to be determined via the transfer credit evaluation	6
College Option	6
<i>Major Requirements</i>	42
<i>Information Systems Required Courses</i>	30
IS 200 - Foundations of Information Systems	3
IS 205 - IT Infrastructure and Support	3
IS 250 - Computer Network Security	3
*IS 260 - Networks and Business Data Communication	
IS 300 - Enterprise Architectures and Applications	3
IS 320 - Systems Analysis and Design	3
IS 326 - E-Commerce for Information Systems	3
IS 350 - IS Strategy, Management, and Acquisition	3
IS 374 - Business Process Design and Workflow Analysis	3
IS 499 - IS Capstone	3
PROM 210 - Project Management	3
<i>Management Track</i>	12
BUS 305 - Accounting Fundamentals	
BUS 306 - Managerial Accounting	3
BUS 315 - Principles of Marketing	3
BUS 321 - Human Resource Management	3
IS 330 - Logistics and Supply Chain Management	3
<i>Free Electives</i>	6
Total Number of Credits to be Completed at CUNY SPS	60
Total Credits Transferred from BMCC	60
Total Credits Required for the Baccalaureate Degree	120

B.S. in Information Systems – Technical Track

Courses	Credits
General Education Requirements	12
Flexible Core – 6 credits to be determined via the transfer credit evaluation	6
College Option	6
Major Requirements	42
Information Systems Required Courses	30
IS 200 - Foundations of Information Systems	3
IS 205 - IT Infrastructure and Support	3
IS 250 - Computer Network Security	3
*IS 260 - Networks and Business Data Communication	
IS 300 - Enterprise Architectures and Applications	3
IS 320 - Systems Analysis and Design	3
IS 326 - E-Commerce for Information Systems	3
IS 350 - IS Strategy, Management, and Acquisition	3
IS 374 - Business Process Design and Workflow Analysis	3
IS 499 - IS Capstone	3
PROM 210 - Project Management	3
Management Track	3
IS 210 - Software Application Programming I	
IS 211 - Software Application Programming 2	
IS 361 - Database Architecture and Programming	
IS 362 - Data Acquisition and Management (Undergraduate)	
IS 380 - Geographic Information Systems	3
Free Electives	6
Total Number of Credits to be Completed at CUNY SPS	60
Total Credits Transferred from BMCC	60
Total Credits Required for the Baccalaureate Degree	120

F. COURSE EQUIVALENCIES

BMCC		CUNY SPS	
Course	Designation	Course	Designation
ACC 122 - Accounting Principles I	Required	BUS 305 - Accounting Fundamentals	Management Track
BUS 311 - Human Resources Management	Elective Option	BUS 321 - Human Resource Management	Management Track
CIS 345 - Telecommunication Networks I	Required	IS 260 - Networks and Business Data Communication	Required
CIS 395 - Database Systems I	Required	IS 362 - Data Acquisition and Management	Technical Track
CIS 495 - Database Systems II	Required	IS 361 - Database Architecture and Programming	Technical Track
CSC 110 - Computer Programming I	Flexible Core	IS 210 - Software Application Programming I	Technical Track
CSC 210 - Computer Programming II	Required	IS 211 - Software Application Programming 2	Technical Track

G. ARTICULATION AGREEMENT FOLLOW-UP PROCEDURES

1. Procedures for reviewing, updating, modifying or terminating agreement:

The Academic Director and Department Chair from both programs will review the agreement annually. They will be expected to review student retention, progress to graduation including transitions between prerequisite and follow-on courses, degree completion, and GPA. Modification or termination of this agreement requires the approval of both Chief Academic Officers of both institutions.

Should the agreement be modified or terminated, CUNY SPS shall honor the terms granted to students who have already transferred into the B.S. in Information Systems.

2. Procedures for evaluating agreement, i.e., tracking the number of students who transfer under the articulation agreement and their success:

The CUNY Institutional Research Database will be used to track all transfer students, including their performance (credit accumulation and GPA) and persistence (retention and graduation).

3. Sending and receiving college procedures for publicizing agreement, e.g., college catalogs, transfer advisers, Websites, etc.:

Both CUNY SPS and BMCC value this agreement and see it as a "win" for our students. Both schools will promote the agreement in their respective publications (i.e. annual bulletins, course catalogs, Web sites, program marketing materials, etc.).

Effective Date: Fall 2014, Revised Fall 2017