



ARTICULATION AGREEMENT FORM

A. SENDING AND RECEIVING INSTITUTIONS

Sending College: LaGuardia Community College (LaGuardia)
Department: Mathematics, Engineering and Computer Science
Program: Programming and Software Development
Degree: A.A.S.

Receiving College: CUNY School of Professional Studies (CUNY SPS)
Department: N/A
Program: Information Systems
Degree: B.S.

B. ADMISSION REQUIREMENTS FOR SENIOR COLLEGE PROGRAM

Graduates of the LaGuardia associate's degree program in Programming and Software Development will qualify for admission into the 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 LaGuardia.

Applicants will follow the standard admissions process, which includes completing a transfer application and a personal essay that will help CUNY SPS understand the student's educational goals and readiness for baccalaureate study.

LaGuardia Programming and Software Development graduates will be awarded 60 transfer credits toward the bachelor's degree based on the Information Systems curriculum effective fall 2021. Should that curriculum change, it will be necessary to reevaluate the transfer credit process. Courses in Mathematics and English require a grade of C or better for transfer in accordance with current University policy. Upon matriculation into the B.S. program in Information Systems, students will be required to fulfill elective 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 for the B.S. in Information Systems: 120

C. Course Equivalences and / Transfer Credit Awarded

LaGuardia graduates who complete the A.A.S. in Programming and Software Development will receive 60 credits toward the B.S. in Information Systems at CUNY SPS.

Transferred credits will be applied to the Baccalaureate degree as professional credits, course specific transfer credits and electives. Students will meet with an SPS advisor who will review their transcripts to ensure appropriate placement within the program. Taking recommended flexible core courses will assure that students need only 60 additional credits for their bachelor's degree at SPS.

COURSE TO COURSE EQUIVALENCIES		LGCC	SPS	Total
GENERAL EDUCATION		21	15	36
<i>Required Core*</i>		<i>12</i>	<i>0</i>	<i>12</i>
English Composition	ENG 101: English Composition I	3		3
	ENG 102: Writing through Literature	3		3
Mathematical and Quantitative Reasoning	MAT 115: College Algebra and Trigonometry or MAT 117: Algebra and Trigonometry	3		3
Life and Physical Sciences	Life and Physical Sciences	3		3
<i>Flexible Core</i>		<i>9 (1)</i>	<i>9</i>	<i>18</i>
World Cultures and Global Issues	World Cultures and Global Issues			
U.S. Experience in Its Diversity	U.S. Experience in Its Diversity			
Creative Expression	Creative Expression			
Individual and Society	Individual and Society			
Scientific World	Scientific World: MAT 200: Precalculus (suggested)*	4		4
<i>Three credits in any three of the above categories</i>				
<i>College Option</i>		<i>0</i>	<i>6</i>	<i>6</i>
Six credits from the following choices: PHIL 110; COM 110; PLA 300; QUAN 201; COM 210			6	6
A.A.S. in Programming and Software Development		39		39
<i>**Courses that fulfill Technical Track</i>				
<i>Major Requirements</i>		<i>38</i>		<i>38</i>
CSF 101: First Year Seminar for Computer Science	Elective	2		2
MAC 101: Intro to Computer Science	IS 200: Foundations of Info Systems	3		3
MAC 109: Intro to Visual Programming**	IS 362 - Data Acquisition and Management**	3		3
MAC 110: Systems Analysis & Design	IS 320: Systems Analysis and Design	3		3
MAC 250: Database Concepts & Programming**	IS 361: Database Arch & Programming**	3		3
MAC 232: UNIX Network Operating Systems	IS 205: IT Infrastructure & Support	3		3
MAC 221: App Development for iOS	Elective	3		3
MAC 190: Object-Oriented Programming**	IS 210: Software App Prog I **	3		3
MAC 220: App Development for Android Devices	Elective	3		3
MAC 125: Advanced C/C++ Programming**	IS 211: Software App Prog II **	3		3
MAC 280: Game Programming **	IS 380 - Geographic Information Systems**	3		3

MAC 172: Web Programming I	Elective	3		3
MAC 272: Web Programming II	Elective	3		3
General Elective (1 Credit from MAT200)	Elective	1		1
BS in Information Systems- Courses Remaining to Complete Upon Transfer			45	45
<i>Required Courses</i>			24	24
IS 250 - Computer Network Security			3	
IS 260 - Networks and Business Data Communication			3	
IS 300 - Enterprise Architectures and Applications			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>Students must choose either the Management or Technical Track</i>				
<i>Management Track</i>				
BUS 305 - Accounting Fundamentals	To be completed at SPS			
BUS 306 - Managerial Accounting	To be completed at SPS			
BUS 315 - Principles of Marketing	To be completed at SPS			
BUS 321 - Human Resource Management	To be completed at SPS			
IS 330 - Logistics and Supply Chain Management	To be completed at SPS			
<i>Technical Track **</i>				
IS 210 - Software Application Programming I	MAC 190: Object-Oriented Programming			
IS 211 - Software Application Programming 2	MAC 125: Advanced C/C++ Programming			
IS 361 - Database Architecture and Programming	MAC 250: Database Concepts & Programming			
IS 362 - Data Acquisition and Management	MAC 109: Intro to Visual Programming			
IS 380 - Geographic Information Systems	MAC 280: Game Programming			
<i>Free Electives: 37 credits required. 16* credits from LGCC will be transferred as free electives. Students who choose the Technical track in the BSIS program will fulfill all credits needed for the track through transfer</i>			21	
TOTAL CREDITS		60	60	120

*Note: One credit from Flexible Core will be transferred as Free Elective credit.

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

	Requirement	LGCC Transfer	Complete at SPS
General Education	36	21	15
Required Core	12	12	0
Flexible Core	18	9	9
College Option	6	0	6
Major	48	24	24
Core	33	9	24
Track	15	15**	0
Free Electives	36	15	21
Total	120	60	60

Notes: **One credit from Flexible Core will be transferred as Free Elective credit.*

*** 15 credits will apply to the Technical Track upon transfer, If students choose the Business Track, The technical track courses will be applied as free electives.*

E. 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 LaGuardia 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, websites, program marketing materials, etc.). Transfer advisers at LaGuardia will promote this agreement with eligible students.

Effective Date: Fall 2021

Review Date: Fall 2024

LaGuardia Community College



9/9/21

Dr. Paul Arcario

Date

Provost and Sr. Vice President of Academic Affairs



9/8/2021

Dr. Abderrazak Belkharraz Idrissi

Date

Chair, MEC Department

CUNY School of Professional Studies



9/15/21

Dr. George Otte

Date

Senior Associate Dean, Academic Affairs

Arthur J. O'Connor

9/15/2021

Dr. Arthur O'Connor

Date

Academic Director, Information Systems