

ARTICULATION AGREEMENT

between

Benjamin Franklin Institute of Technology

Associate of Science Degree

In

Computer Information Technology

and the

UNIVERSITY OF MASSACHUSETTS LOWELL

Bachelor of Science in Information Technology

Summer 2022

This articulation agreement has been established between Benjamin Franklin Institute of Technology (BFIT) and the University of Massachusetts Lowell Kennedy College of Sciences and the Division of Graduate, Online & Professional Studies.

Students completing the Computer Information Technology Associate Degree at BFIT, in accordance with the minimum standards as set by the University of Massachusetts Lowell, will be admitted at the University as juniors. Students who do not meet the minimum standards will be considered for admission on a case-by-case basis.

OBJECTIVES:

1. To encourage the transfer of qualified students from BFIT to UMass Lowell.
2. To award academic credit for courses completed for the Associate Degree toward the requirements for the bachelor's degree as stated in this agreement.
3. To provide students with accurate and clear information regarding the transfer of their coursework and credits to UMass Lowell.

TERMS OF THE ARTICULATION AGREEMENT:

1. UMass Lowell guarantees the acceptance of students who complete the Associate Degree program at BFIT with an overall cumulative GPA of 2.0 or better to the Bachelor of Science in Information Technology program at UMass Lowell.
2. All bachelor's degree candidates are required to earn a minimum 2.0 cumulative grade point average (GPA), to present a minimum of 120 semester hours, fulfill the residency requirements, conform to the general regulations and requirements of the University, satisfy the regulations and academic standards of the colleges which exercise jurisdiction over the degrees for which they are matriculating, satisfy the curriculum requirements established by the departments or programs in their major, and complete the University's Core Curriculum requirements, which are listed within the program's curriculum outline.
3. This agreement acknowledges the transfer of credit as stipulated in the attached Program of Study and assumes the completion of the Associate Degree. UMass Lowell may accept courses taken beyond the Associate Degree (20 courses); however, students are encouraged to contact the transfer advisor for approval. At the discretion of UMass Lowell, up to 75 credits may be accepted in transfer.
4. UMass Lowell normally requires that 50% of the major is completed in residence.

5. Students transferring from BFIT will be subject to all general education requirements at UMass Lowell as set forth in the University of Massachusetts Lowell catalog. Students interested in participating in this agreement should be advised to take the suggested liberal arts courses. These courses are required at UMass Lowell and students are advised to complete them as a part of their Associate Degree.
6. This document is based upon the evaluation of course descriptions presented to UMass Lowell. Courses listed in this agreement will transfer provided a grade of "C- "or better has been earned.

This agreement shall remain in effect for a period of three years from the date listed below, with the provision that the terms specified herein will continue to apply to students admitted from BFIT, within one year of the expiration of the agreement. The Bachelor of Science in Information Technology at UMass Lowell will be undergoing a curriculum change, at which time there will be a new articulation agreement drafted. Each institution agrees to provide timely notice to the other in event of any modification to the curriculum that might affect compatibility for admission and transfer of coursework. This agreement may be subject to change, without notice, if curriculum requirements change at either institution. Students admitted to the Associate Degree program prior to such notification shall be admitted to the UMass Lowell, Bachelor of Science in Information Technology based on this agreement.

Semester and Year of Implementation: Summer 2022

SIGNATURES

University of Massachusetts Lowell

DocuSigned by:

Joseph Hartman 6/9/2022 | 09:09 EDT

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Joseph Hartman, Ph.D., P.E.
Provost and Vice Chancellor
Academic Affairs

DocuSigned by:

Noureddine Melikechi 6/9/2022 | 03:16 EDT

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Noureddine Melikechi, D.Phil.
Dean of Kennedy College of Sciences

DocuSigned by:

Haim Levkowitz 6/4/2022 | 12:59 EDT

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Haim Levkowitz, Ph.D.
Chair
Computer Science

DocuSigned by:

Nancy Ludwig 6/9/2022 | 08:23 EDT

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Nancy Ludwig, Ed.D.
Dean
Division of Graduate, Online & Professional Studies

DocuSigned by:

Yelena Rykalova 6/4/2022 | 11:29 EDT

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Yelena Rykalova, Ph.D.
Assistant Teaching Professor
BSIT Program Coordinator

Benjamin Franklin Institute of Technology

DocuSigned by:

Aisha Francis 6/28/2022 | 08:30 PDT

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Aisha Francis, Ph.D.
President and CEO

DocuSigned by:

Marvin Loiseau 6/23/2022 | 16:36 EDT

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Marvin J. Loiseau, Ed.D.
Dean of Academic Affairs

DocuSigned by:

Fathima James 6/15/2022 | 13:41 EDT

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Fathima James, MS
Department Chair
Computer and Information Technology

Attachment A

Transfer Agreement (Guide)

For The

**Associate in Science
Computer Information Technology**

Of

Benjamin Franklin Institute of Technology

And the

**UNIVERSITY OF MASSACHUSETTS LOWELL
Bachelor of Science in Information Technology**

Summer 2022

Transfer Agreement (Guide)

For

Be a (BFIT)-AS in Computer Information Technology) Graduate Transferring into
UMass Lowell (UML) Bachelor of Science in Information Technology-Division of Graduate, Online and
Professional Studies-**Evening/Online**

BFIT Courses

UMASS Lowell Equivalents

CT121 Web Design I	3	INFO.2990 Info Tech 2000 level elect	3
CT140 Google IT Support Professional Certificate	6	INFO.1600 Introduction to Information Systems	3
CT143 Introduction to C++ Or CT146 JavaScript	4	INFO.2680 C++ Programming Or COMP.1990 Computer Sci 1000 Level elect	3
CT212 System Maintenance and Management I	3	INFO.1990 Info Tech 1000 level elect	3
CT221 Enterprise Database Management	3	INFO.2990 Info Tech 2000 level elect	3
CT231 Linux Administration	3	COMP.2990 Computer Sci 2000 level elect	3
CT233 Windows System Administration	3	INFO.2990 Info Tech 2000 level elect	3
CT250 Fundamentals in Python	4	INFO.2030 Introduction to Programming with Python	3
CT265 Networking 1	4	INFO.2990 Info Tech 2000 level elect	3
CT269 Cloud Computing and Visualization	4	INFO.2990 Info Tech 2000 level elect	3
CT365 Network Security	4	COMP.2990 Computer Sci 2000 level elect	3
EN 129 English for Non-Native Speakers Or EN130 College Composition 1	3	42.103 College Writing In-Internatl Or ENGL.1010 College Writing I	3
EN140 College Composition II	3	ENGL.1020 College Writing II	3
EN320 Technical Communication	3	MKTG.2100 Professional Communications	3
MA105 Technical Mathematics or higher Strongly recommend: MA 120 College Algebra & Trig (required in UML BSIT program)	3/4	Recommended course: MATH.1200 Precalculus Mathematics I	3
MA120 College Algebra & Trigonometry or higher Strongly recommend: MA 270 Elementary Statistics (required in UML BSIT program)	3/4	Recommended course: MATH.2830 Introduction to Statistics	3
HU/SS General Education Elective	3	Appropriate Equivalent course	3
MATH/SS Elective	3/4	Appropriate Equivalent course	3

Note:

INFO Tech and COMP Sci electives that have been evaluated and are applicable to the Associate Degree from BFIT will be credited towards the BSIT Elective requirements.

GPA and Credits for Transfer

Students transferring into the BS in Information Technology must have a grade of C- in each subject for credits to transfer.

A total of 90 credits can be transferred, but only 60 credits from 2-year institutions will be accepted

A minimum of 30 credits must be completed at UMASS Lowell to receive a bachelor's degree from UMASS Lowell.

Courses taken beyond the Associate can be transferred, but only with the approval and recommendation of your UMass Lowell Advisor.

Academic Advising

In Addition to this agreement (guide), students should seek advising from advisors at both institutions

Transfer Agreement/Guide Period

This Transfer Guide/Agreement will be active spring 2022 through spring 2025.

Financial Support Availability

Financial Aid is available (grants, loans, and scholarships), depending on students' individual situations.

There is also a payment plan available.

Attachment B

Transfer Articulation Agreement-Program of Study Guide

Benjamin Franklin Institute of Technology, Associate Degree in Computer Information Technology transferring into UMass Lowell, Bachelor of Science in Information Technology, Division of Graduate, Online & Professional Studies

	UML Course ID	University of Massachusetts Lowell Bachelor of Science in Information Technology Course Equivalencies	Credits	BFIT Course ID	BFIT Associate in Computer Information Technology	Credits
University Core	ENGL.1010	College Writing, I	3	EN 129/130	English -non-native Speakers/College Composition 1 (3)	3
	ENGL.1020	College Writing II	3	EN 140	College Composition II (3)	3
	----,----	Arts & Humanities Course (AH)	3		HU/SS General Education Elective	3
	----,----	Arts & Humanities Course (AH)	3			
	----,----	Arts & Humanities Course (AH)	3			
	ECON.2010	Economics I (Microeconomics) (SS)	3			
	----,----	Social Sciences (SS) Course	3		AH or SS Elective (3)	3
	----,----	Social Sciences (SS) Course	3		MATH/SS Elective (3)- Strongly recommend SS Elective	3
	MATH.2830	Introduction to Statistics	3		MA 120 College Alg & Trig or higher (3) Strongly Recommend: MA270 Elementary Statistics-Required in BSIT Program	3
	----,----	Science with Lab Perspective (SCL) & Lab	3 +1			
	----,----	Science with Lab Perspective (SCL) & Lab	3+1			
	----,----	STEM Perspective Course	3			
		Total Credits	38			18
IT Requirements	INFO.4600	Computer Ethics	3			
	ENGL.2240	Business Writing OR	3			
	ENGL.2260	Scientific and Technical Communication				
	ECON.2020	Economics II (Macroeconomics)	3			
	MATH.1200	Precalculus Mathematics I	3		MA 105 Technical Math or higher (3) Strongly recommend MA120 College Algebra & Trig- Required in BSIT Program	3
	MATH.2190	Discrete Structures I	3			
	INFO.2110	Introduction to Programming W/C I And	3			
	INFO.2120	Introduction to Programming W/C Part II OR				
	INFO.2670	C Programming **				
	INFO.4800	Project-Based Information Systems OR	6			
	INFO.4770	Project-Based Information Systems - Part I And				
	INFO.4780	Project-Based Information Systems - Part II				
INFO.3850	Introduction to Information Security	3				
		Total Credits	27			3
IT Electives		Information Technology Elective	3	CT121	Web Design 1 (3)	3
		Information Technology Elective	3	CT143	Introduction to C++ Programming (4)	3
		Information Technology Elective	3	CT212	System Maintenance and Management 1 (3)	3
		Information Technology Elective	3	CT221	Enterprise Database Management (3)	3
		Information Technology Elective	3	CT233	Windows System Administration (3)	3
		Information Technology Elective	3	CT250	Fundamentals of Python (4)	3
		Information Technology Elective	3	CT265	Networking 1 (4)	3
		Information Technology Elective	3	CT231	Linux Administration (3)	3
		Information Technology Elective	3	CT365	Network Security (4)	3
		Information Technology Elective	3	CT269	Cloud Computing and Visualization (4)	3
		Total Credits	30			30
Focus Electives		Choose six classes from one focus group (AH) (SS) (MGT) (SME)				
		Focus I	3			
		Focus 2	3			

Attachment B

Transfer Articulation Agreement-Program of Study Guide

Benjamin Franklin Institute of Technology, Associate Degree in Computer Information Technology transferring into
UMass Lowell, Bachelor of Science in Information Technology, Division of Graduate, Online & Professional Studies

	Focus 3	3			
	Focus 4	3			
	Focus 5	3			
	Focus 6	3			
	Total Credits	18			
Free Electives	Free Elective 1	3	EN320	Technical Communication (3)	3
	Free Elective 2	3	CIT140	Google IT Support	3
	Free Elective 3	3		*UNCR Credits	3
	Total Credits	9			9
	Total Degree Credits	120/122			60

NOTE: CT 140 is Transferring as INFO.1600 which is a 3-credit course.

*UNCR Credits account for some of the extra loss of credits from the 4 credit IT courses