

Bachelor of Science - Information Technology and Informatics (ITI)

Transfer Pathway Guide for Lansing Community College

This is a tool designed to assist LCC students transferring to the University of Michigan-Flint. This is not a self-advising tool.

University of Michigan-Flint

Lansing Community College

✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENGL 121 Comp I OR ENGL 131 Honors Comp I OR MTA satisfies
	English Composition - 3 credit hours	ENGL 122 Comp II OR ENGL 132 Honors Comp II OR MTA satisfies
	Social Science (S) - 6 credit hours	Transfer.umflint.edu OR MTA satisfies
	Humanities (H) - 6 credit hours	Options at: Transfer.umflint.edu OR MTA satisfies
	Fine Arts (F) - 3 credit hours	Options at: Transfer.umflint.edu
	Mathematics - 3 credit hours	MATH 141- Calculus with Applications OR MTA satisfies
	Natural Science (N/NL) - 4 credit hours w/ lab	Options at: Transfer.umflint.edu OR MTA satisfies

Add'l credit hours of the student's designation choice are required to complete 30 credit hours. MTA meets this requirement.

Required Program Curriculum

	Prerequisites	Course Equivalent
	CIT 100 - Technology Foundations	Completed at UM-Flint
	CIT 120 - Org Leadership for Next Generation Industries	Completed at UM-Flint
	CIS 128 - Introduction to Computer Information Systems	CITA 110 - Intro to Microsoft Office or CITF 110 Intro to Computer Info Systems or
	CSC 137 - Fundamentals of Unix/Linux Systems	Completed at UM-Flint
	CYB 101 - Security Fundamentals I	CITN 280 - IT Security Foundations

Programming Foundations (8 credits)

	CSC 175- Problem Solving & Programming	CISB 281 - Visual C++ Programming or CITP 190 - Intro to Programing in Java or CPSC 230 - Algorithms and Computing w/ C++
	CSC 275- Prob Solv & Program II OR CSC 276-Prob Solv II Java	CISB 280 - Advanced C/C++ Program with OO or CPSC 231 Computing and Data Structures

Core Courses

Course Equivalent

	CIS 200 - Foundations of Information Systems	Completed at UM-Flint
	CIS 300 - Enterprise Architecture	Completed at UM-Flint
	CIS 314 - Computer Ethics	Completed at UM-Flint
	CSC 335 - Computer Networks I	Completed at UM-Flint
	CSC 384 - Database Design	Completed at UM-Flint
	SMT 150- Internet of Things	Completed at UM-Flint
	ITI 200 - Introduction to Cloud Computing	Completed at UM-Flint
	ITI 300- Mobile Systems I: Technology and Architectures	Completed at UM-Flint
	ITI 387 - Systems Administration	Completed at UM-Flint
	SWE 380 - Software Engineering	Completed at UM-Flint

Mathematics (8 credits)

	MTH 118- MTH 118: Applied Calculus	MATH 141- Calculus with Applications
	MTH 230- Introduction to Discrete Structures	Completed at UM-Flint

Electives (12 credits)

	At least twelve additional credits in CIS, CIT, CSC, CYB, ITI, and/or SWE courses at the 300 level or above.	Completed at UM-Flint
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Capstone Experience (6 credits)

	CIT 480- Technology Capstone I	Completed at UM-Flint
	CIT 485- Technology Capstone II	Completed at UM-Flint

1. All requirements of the College of Innovation and Technology Bachelor of Science degree, including [General Education requirements](#), and all [University of Michigan-Flint graduation requirements](#).
2. Students must earn a min. of 120 college credits (transfer & UM-Flint), a min. of 30 UM-Flint credit hours.
3. Catalog and transfer credit are subject to change annually. Please speak with an UM-Flint representative before taking any additional coursework (810.762.3361 or <https://go.umflint.edu/vucv5>)
4. To view courses that transfer to UM-Flint, please visit transfer.umflint.edu

For an official evaluation, apply for free at [UMFLINT.EDU/APPLY](https://umflint.edu/apply).