



Bachelor of Science - Information Technology and Informatics (ITI)

Transfer Pathway Guide for Washtenaw Community College

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

University of Michigan-Flint

Washtenaw Community College

General Education Requirements

Course Equivalent

English Composition - 3 credit hours	ENG 111-Composition I OR MTA satisfies
English Composition - 3 credit hours	ENG 226 - Composition II OR MTA satisfies
Social Science (S) - 6 credit hours	Options at: 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	Options at: Transfer.umflint.edu 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	CIS 100 - Intro to Comp & Software Applications
CSC 137 - Fundamentals of Unix/Linux Systems	CIS 120 - Linux/Unix
CYB 101 - Security Fundamentals I	Completed at UM-Flint

Programming Foundations (8 credits)

CSC 175- Problem Solving & Programming	CPS 161 - Intro to Programming with Java
CSC 275- Prob Solv & Program II OR CSC 276-Prob Solv II Java	CPS 171 - Intro to Programming with C++

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	CNT 206 - Introduction to Networking
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: Applied Calculus	Completed at UM-Flint
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).