



## Bachelor of Science - Information Technology and Informatics (ITI)

### Transfer Pathway Guide for Delta College

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

| University of Michigan-Flint                  | Delta College                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------|
| ✓ General Education Requirements              | Course Equivalent                                                                            |
| English Composition - 3 credit hours          | ENG 111 College Composition I OR MTA satisfies                                               |
| English Composition - 3 credit hours          | ENG 112- College Composition II MTA satisfies                                                |
| Social Science (S) - 6 credit hours           | <a href="https://transfer.umflint.edu">Transfer.umflint.edu</a> OR MTA satisfies             |
| Humanities (H) - 6 credit hours               | Options at: <a href="https://transfer.umflint.edu">Transfer.umflint.edu</a> OR MTA satisfies |
| Fine Arts (F) - 3 credit hours                | Options at: <a href="https://transfer.umflint.edu">Transfer.umflint.edu</a> OR MTA satisfies |
| Mathematics (FQ) - 3 credit hours             | MTH 160- Calculus for the Social & Mgr Sci OR MTA satisfies                                  |
| Natural Science (N/NL)- 4 credit hours w/ lab | Options at: <a href="https://transfer.umflint.edu">Transfer.umflint.edu</a> 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                        | <a href="#">Completed at UM-Flint</a>         |
| CIT 120 - Org Leadership for Next Generation Industries | <a href="#">Completed at UM-Flint</a>         |
| CIS 128 - Introduction to Computer Information Systems  | CST 133W - Computer Concepts and Competencies |
| CSC 137 - Fundamentals of Unix/Linux Systems            | <a href="#">Completed at UM-Flint</a>         |
| CYB 101 - Security Fundamentals I                       | <a href="#">Completed at UM-Flint</a>         |

#### Programming Foundations (8 credits)

|                                                              |                                       |
|--------------------------------------------------------------|---------------------------------------|
| CSC 175- Problem Solving & Programming                       | <a href="#">Completed at UM-Flint</a> |
| CSC 275- Prob Solv & Program II OR CSC 276-Prob Solv II Java | <a href="#">Completed at UM-Flint</a> |

#### Core Courses

#### Course Equivalent

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

#### Mathematics (8 credits)

|                                              |                                                         |
|----------------------------------------------|---------------------------------------------------------|
| MTH 118- MTH 118: Applied Calculus           | MTH 160- Calculus for the Social and Managerial Science |
| MTH 230- Introduction to Discrete Structures | <a href="#">Completed at UM-Flint</a>                   |

#### Electives (12 credits)

|                                                                                                              |                                       |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------|
| At least twelve additional credits in CIS, CIT, CSC, CYB, ITI, and/or SWE courses at the 300 level or above. | <a href="#">Completed at UM-Flint</a> |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------|

#### Capstone Experience (6 credits)

|                                 |                                       |
|---------------------------------|---------------------------------------|
| CIT 480- Technology Capstone I  | <a href="#">Completed at UM-Flint</a> |
| CIT 485- Technology Capstone II | <a href="#">Completed at UM-Flint</a> |

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](https://transfer.umflint.edu)

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