

## Bachelor of Cybersecurity

### 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
	<b>English 111</b> - 3 credit hours	ENGL 121 Composition I <b>OR</b> <a href="#">MTA satisfies</a>
	<b>English 112 OR COM 200 OR COM 210</b> - 3 credit hours	ENGL 122 Comp I <b>OR</b> COMM 120 Dynamics of Comm <b>OR</b> COMM 130 Fund of Public Speaking <b>OR</b> <a href="#">MTA satisfies</a>
	<b>Social Science (S)</b> - 6 credit hours	Options at: <a href="#">Transfer.umflint.edu</a> <b>OR</b> <a href="#">MTA satisfies</a>
	<b>Humanities (H)</b> - 6 credit hours	4 credits satisfied with UM-Flint CIS 314 <b>AND</b> Options at: <a href="#">Transfer.umflint.edu</a> <b>OR</b> <a href="#">MTA satisfies</a>
	<b>Fine Arts (F)</b> - 3 credit hours	Options at: <a href="#">Transfer.umflint.edu</a>
	<b>Mathematics</b> - 3 credit hours	MATH 141: Calculus w/ Applications <b>OR</b> <a href="#">MTA satisfies</a>
	<b>Natural Science (N/NL)</b> - 4 credit hours w/ lab	Options at: <a href="#">Transfer.umflint.edu</a> <b>OR</b> <a href="#">MTA satisfies</a>

**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>
	CSC 137: Fundamentals of Unix/Linux	<a href="#">Completed at UM-Flint</a>
	CYB 101: Security Fundamentals I	CITN 280: IT Security Foundations
Programming Foundations		
	CSC 175: Problem Solving & Prog <b>OR</b> CSC 176: Problem Solving and Programming I in Java <b>OR</b> CSC 179: Problem Solving and Programming I in Python	CPSC 230: Algorithms and Computing w/C++ <b>OR</b> CITP 190: Intro to Programming in JAVA <b>OR</b> CISB 281: Visual C++ Programming
	CSC 275: Problem Solving & Prog II <b>OR</b> CSC 276: Problem Solving & Prog II in Java <b>OR</b> CSC 279: Problem Solving and Programming II in Python	CPSC 231: Comp & Data Struc <b>OR</b> CITP 290: Adv JAVA Program Busn <b>OR</b> CISB 280: Advanced C/C++ Program with OO
Core Courses		Course Equivalent
	ITI 220: Introduction to Embedded Systems	<a href="#">Completed at UM-Flint</a>
	CIS 314: Computer Ethics	<a href="#">Completed at UM-Flint</a>
	CSC 335: Computer Networks	<a href="#">Completed at UM-Flint</a>
	CSC 377: Operating Systems	<a href="#">Completed at UM-Flint</a>
	CYB 202: Security Fundamentals II	CITC 287: Cybersecurity Incident Response
	CYB 301: Enterprise Security	<a href="#">Completed at UM-Flint</a>
	CYB 303: Security Operations	<a href="#">Completed at UM-Flint</a>
	CYB 326: Principles of Secure Software Development	<a href="#">Completed at UM-Flint</a>
	CYB 330: Wireless and Mobile Systems Security	CITN 222: Wireless Network & Security
	CYB 336: Ethical Hacking	CITC 282: Ethical Hacking
	CSC 378 Network Security and Cryptography	<a href="#">Completed at UM-Flint</a>
	CSC 386: Digital Forensics	<a href="#">Completed at UM-Flint</a>
Mathematics		Course Equivalent
	MTH 118: Applied Calculus	MATH 141: Calculus w/ Applications
	MTH 230: Introduction to Discrete Structures	<a href="#">Completed at UM-Flint</a>
	MTH 272: Applied Statistics and Data I	<a href="#">Completed at UM-Flint</a>
Concentration of Choice		
	Three courses from one of the following concentrations: <ul style="list-style-type: none"> <li>● Application Security</li> <li>● Cyber Physical Systems Security</li> <li>● Trustworthy AI</li> </ul>	<a href="#">Completed at UM-Flint</a>
Capstone Experience		Course Equivalent
	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. Remaining requirements (general education & program requirement curriculum) may be completed through UM-Flint.
2. Students must earn a min. of 124 college credits (transfer & UM-Flint), a min. of 30 UM-Flint credit hours.
3. Catalog & transfer credit are subject to change.. Please speak with an UM-Flint rep before taking any add'l coursework (810.762.3361 or [go.umflint.edu/vucv5](http://go.umflint.edu/vucv5))
4. To view courses that transfer to UM-Flint, please visit [transfer.umflint.edu](http://transfer.umflint.edu).

**For an official evaluation, apply for free at [UMFLINT.EDU/APPLY](http://UMFLINT.EDU/APPLY).**