

Bachelor of Science - Human Centered Design Program

Transfer Pathway Guide for Macomb Community College

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

University of Michigan-Flint		Macomb Community College
✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENGL 1181 Comm 1 OR ENGL 1210 Comp 1 OR MTA satisfies
	English Composition - 3 credit hours	ENGL 1190 Comm 2 OR ENGL 1220 Comp 2 OR SPCH 1010 Intro to Comm OR SPCH 1060 Speech Comm OR MTA satisfies
	Social Science (S) - 6 credit hours	PSYC 1010 - Intro Psych AND 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 OR MTA satisfies
	Mathematics (FQ) - 3 credit hours	MATH 1360 - Finite Mathematics or MATH 1370 - Calculus for Business & Social Science 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		
	Prerequisite	Course Equivalent
	ART 150 - Design Thinking	Completed at UM-Flint
	CIT 100 -Technology Foundations	Completed at UM-Flint
	PSY 100 - Principles of Psychology	PSYC 1010: Intro Psychology
	Programming Foundations	Course Equivalent
	CSC 174- Program & Problem Solving for Engineers OR CSC 175 - Problem Solving & Program I OR CSC 176 - Problem Solving & Program I in Python	ITCS 2530 - C++ Programming 1
	CSC 275 - Problem Solving & Program II OR CSC 276 - Problem Solving & Program in JAVA OR CSC 279- Problem Solving & Program II in Python	ITCS 2550 - C++ Programming 2
	Core Courses	Course Equivalent
	ARI 415 - Ethos and Bias in AI	Completed at UM-Flint
	CIS 314 - Computer Ethics	Completed at UM-Flint
	CSC 310 - Human-Computer Interaction	Completed at UM-Flint
	SMT 400 - Design of Experiments	Completed at UM-Flint
	HCD 401 - User Experience Design	Completed at UM-Flint
	HCD 402 - User Experience Research	Completed at UM-Flint
	HCD 403 - Prototype Evaluation & Usability Testing	Completed at UM-Flint
	HCD 430 - UX Design & research for AR/VR	Completed at UM-Flint
	HCD 440 - Automotive User Experience	Completed at UM-Flint
	HCD 455 - Game Design Foundations	Completed at UM-Flint
	IOE 311 - Ergonomics	Completed at UM-Flint
	Mathematics	Course Equivalent
	MTH 118 - Calc for Management and Social Sciences	MATH 1360: Finite Math OR MATH 1370: Calcu for Business & Social Sciences
	PSY 322 - Basic Statistics and Probability	Completed at UM-Flint
	Capstone	Course Equivalent
	CIT 480 - Technology Capstone I	Completed at UM-Flint
	CIT 485 - Technology Capstone II	Completed at UM-Flint
	Professional Track (Choose 1)	Course Equivalent
	Human-Centered AI	Completed at UM-Flint
	Augmented & Virtual Reality & Game Development	Completed at UM-Flint
	Human-Centered Engineering Design	CHEM 1050 Intro to Gen Chem AND PHYS 1180 College Physics I, Completed at UM-Flint
1. The remaining requirements (general education & program requirement curriculum) may be completed through UM-Flint. 2. Students must earn a min. of 120 college credits (transfer & UM-Flint) and a min. of 30 credit hours at UM-Flint. 3. Catalog and transfer credits are subject to change annually. Please speak with a UM-Flint representative before taking any additional coursework (810.762.3085, umflint.eadvising) 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.		