

Bachelor of Science: Human Biology Program with a Pre-Medical Concentration

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 1180- Com I OR ENGL 1210 Comp I OR MTA satisfies
English Composition - 3 credit hours	ENGL 1190- Comp 2 OR ENGL 1220- Comp 2 OR SPCH 1311 Speech OR SPCH 1060- Speech OR SPCH 1010- Intro Com OR MTA satisfies
Social Science (S) - 6 credit hours	PSYC 1010: Intro Psychology AND PSYC 2600: Social Psych OR MTA satisfies
Humanities (H) - 6 credit hours	PHIL 2010: Intro Phil AND 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 1435: Pre-Calc OR MATH 1465: Accel Pre-Calculus OR MTA satisfies
Natural Science (N/NL) - 4 credit hours w/ lab	Major Requirements Satisfy 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

Program Requirements

Course Equivalent

CIT 100 - Technology Foundations - 4 credit hours	Complete at UMFlint
BIO 111- Organismal Biology	Complete at UMFlint
BIO 113- Principles of Biology	BIOL 1700: General Biology I
BIO 167- Human Anatomy & Physiology I	Complete at UMFlint
BIO 168- Human Anatomy & Physiology II	Complete at UMFlint
BIO 326- Cell Biology	Complete at UMFlint
BIO 432- Mammalian Physiology	Complete at UMFlint
At least eight (8) add'l credits in 300-level or higher BIO courses	Complete at UMFlint
COM 210- Introduction to Public Speaking OR COM 338- Communications in Business	Complete at UMFlint OR BCOM 2050: Business Communications
ENG 345-Technical Writing	Complete at UMFlint
HCR 362- Cultural Competence in Health Care	Complete at UMFlint
PHL 101- Intro to Phil. OR PHL 168- Phil. of Bioethics	PHIL 2010: Intro Philosophy OR Complete at UMFlint
PHL 338- Philosophy of Health, Disease & Illness OR PHL 344- Philosophy of Medical Ethics	Complete at UMFlint
PSY 100- Introduction to Psychology	PSYC 1010: Introductory Psychology
BIO 301- Biostatistics OR PSY 322- Basic Statistics & Probability OR SOC 215- General Statistics	Completed at UM-Flint OR PSYC 2170: Psychological Statistics OR MATH 1340: Statistics

Pre-Medical

BIO 328 - Genetics	Complete at UMFlint
BIO 405: Microbiology Lecture	Complete at UMFlint
BIO 406: Microbiology Laboratory	Complete at UMFlint
CHM 260 - Principles of Chemistry I	CHEM 1170: General Chemistry I
CHM 261 -General Chemistry Laboratory	CHEM 1170: General Chemistry I
CHM 226- Principles of Chemistry II	CHEM 1180: General Chemistry II
CHM 263 - Introductory Quantitative Analysis Lab	CHEM 1180: General Chemistry II
CHM 330: Organic Chemistry I	CHEM 2260: Organic Chemistry I
CHM 331: Organic Chemistry Lab I	CHEM 2270: Organic Chemistry Laboratory
CHM 332: Organic Chemistry II	CHEM 2280: Organic Chemistry II
CHM 333: Organic Chemistry Lab II	CHEM 2270: Organic Chemistry Laboratory
CHM 450: Biochemistry I AND CHM 452 Biochemistry II OR CHM 350: Fundamentals of Biochemistry	Complete at UMFlint
MTH 120- Pre-Calculus Mathematics *	MATH 1435: Pre-Calculus OR MATH 1465: Accelerated Pre-Calculus
PHY 143 - College Physics OR PHY 243 - Prin of Physics	PHYS 1180: College Physics I OR PHYS 2220: Analytical Physics I
PHY 145 - College Physics II OR PHY 245 - Prin of Physics II	PHYS 1190: College Physics II OR PHYS 2230: Analytical Physics II
PSY 309: Survey of Psychopathology OR PSY 316: Biological Psych	PSYC 2800: Abnormal Psychology OR PSYC 2750: Brain and Behavior
PSY 315: Survey of Social Psychology	PSYC 2600: Social Psychology

- The remaining requirements (general education & program requirement curriculum) may be completed through UM-Flint.
- Students must earn a min. of 120 college credits (transfer & UM-Flint) and a min. of 30 credit hours at UM-Flint.
- 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.edu/advising)
- To view courses that transfer to UM-Flint, please visit transfer.umflint.edu

For an official evaluation, apply for free at UMFLINT.EDU/APPLY.