

Bachelor of Science - Molecular Biology and Biotechnology: Research Concentration

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 Comp I OR MTA satisfies
English Composition (Comp) - 3 credit hours	ENG 112- College Comp II OR COM 112- Public Speaking 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 OR MTA satisfies
Quantitative Literacy (FQ) - 3 credit hours	MTH 121: Plane Trigonometry and MTH 122: College Algebra; OR MTH 151: Precalculus Mathematics OR MTA satisfies
Natural Science (N/NL)- 4 credit hours w/ lab	Satisfied by major 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

At least 40 credits in biology, with no more than 16 below the 300 level, including:

Core Courses	Course Equivalent
CIT 100 - Technology Foundations	Completed at UM-Flint
BIO 111 - Organismal Biology	BIO 172: Introduction to Organismal Biology and Evolution
BIO 113 - Principles of Biology	BIO 111: Principles of Biology
BIO 326 - Cell Biology	Completed at UM-Flint
BIO 327 - Ecology	Completed at UM-Flint
BIO 328 - Genetics	Completed at UM-Flint
BIO 405 - Microbiology Lecture	Completed at UM-Flint
BIO 406 - Microbiology Lab	Completed at UM-Flint
BIO 425 - Immunology	Completed at UM-Flint
BIO 467 - Molecular Biology of Prokaryotes	Completed at UM-Flint
BIO 468 - Molecular Biology of Eukaryotes	Completed at UM-Flint
CHM 260 - Principles of Chemistry	CHM 111: General Chemistry I
CHM 261 - General Chemistry Lab	CHM 111: General Chemistry I
CHM 262 - Principles of Chemistry II	CHM 112: General Chemistry II
CHM 263 - Introductory Quantitative Analysis Lab	CHM 112: General Chemistry II
CHM 330 - Organic Chemistry I	CHM 210: Organic Chemistry I
CHM 331 - Organic Chemistry Lab I	CHM 210LW: Organic Chemistry I Laboratory
CHM 332 - Organic Chemistry II	CHM 220: Organic Chemistry II
CHM 333 - Organic Chemistry Lab II	CHM 220LW: Organic Chemistry II Laboratory
CHM 350 - Fundamentals of Biochemistry OR CHM 450 - Biochemistry I AND CHM 452 - Biochemistry II	Completed at UM-Flint
MTH 120- Pre-Calculus Mathematics *	MTH 121: Plane Trigonometry AND MTH 122: College Algebra; OR MTH 151: Pre-Calculus Mathematics
PHY 143 - College Physics or PHY 243 - Principles of Physics I	PHY 111: General Physics I OR PHY 211: Physics I
PHY 145 - College Physics II or PHY 245 - Prin of Physics II	PHY 112: General Physics II OR PHY 212: Physics II

Research Concentration

Course Equivalent

Electives are met by many other courses listed, but recommended options include:

BIO 301 - Biostatistics	Completed at UM-Flint
BIO 438 - Medical Microbiology	Completed at UM-Flint
BIO 491 - Independent Study	Completed at UM-Flint

- 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.