

Bachelor of Science - Biology General Concentration

Transfer Pathway Guide for Oakland Community College

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

University of Michigan-Flint		Oakland Community College
✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENG 1510- Composition I OR MTA satisfies
	English Composition - 3 credit hours	ENG 1520- Comp II OR COM 1290- Inter Com OR COM 1600- Speech OR SPE 1000- Speech OR SPE 1610- Speech 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
	Mathematics (FQ) - 3 credit hours	MAT 1540: College Algebra and 1560: Trigonometry OR MAT 1630: Precalculus 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		
At least 44 credits in biology, with no more than 16 below the 300 level, to include:		
	Technology Foundations	Course Equivalent
	Technology Foundations - 4 credit hours	Completed at UM-Flint
	Core Courses	Course Equivalent
	BIO 111 - Organismal Biology 4 credits	BIO 1560: Organismal Biology-Biodiversity, Ecology and Evolution
	BIO 113 - Principles of Biology	BIO 1530: Molecular and Cellular Biology
	BIO 326 - Cell Biology	Completed at UM-Flint
	BIO 327 - Ecology	Completed at UM-Flint
	BIO 328 - Genetics	BIO 2560: Principles of Genetics
	Writing Course	Course Equivalent
	BIO 408 OR BIO 421 OR BIO 426 OR BIO 438 OR BIO 444 OR BIO 446 OR BIO 456 OR BIO 460 OR BIO 432 OR BIO 453 OR BIO 459 OR BIO 468 OR BIO 477	Completed at UM-Flint
	Chemistry Course	Courses Equivalent
	CHM 260 - Principles of Chemistry	CHE 1510: General Chemistry I
	CHM 261 - General Chemistry Laboratory	CHE 1510: General Chemistry I
	CHM 262 - Principles of Chemistry II	CHE 1520: General Chemistry II
	CHM 263 - Introductory Quantitative Analysis Laboratory	CHE 1520: General Chemistry II
	Mathematics Courses	Course Equivalent
	MTH 120- Pre-Calculus Mathematics *	MAT 1540: College Algebra AND 1560: Trig. OR MAT 1630: Precalculus
	Physics Courses	Courses Equivalent
	PHY 143 - College Physics OR PHY 243 - Principles of Physics	PHY 1610: College Physics I or PHY 2400: Engineering Physics I
	PHY 145 - College Physics II OR PHY 245 - Principles of Physics II	PHY 1620: College Physics II or PHY 2500: Engineering Physics I
	General Biology Track	Course Equivalent
	CHM 330 : Organic Chemistry I AND CHM 332: Organic Chemistry II OR CHM 220: Fundamentals of Organic Chemistry AND CHM 350: Fundamentals of Biochemistry OR CHM 330 : Organic Chemistry I AND CHM 350: Fundamentals of Biochemistry	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 124 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.edu/advising) 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.		