Bachelor of Science - Biochemistry: 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 General Education Requirements	Oakland Community College 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 1710 Analytic Geometry/Calc I **OR** MAT 1730 - Calc I **OR** MTA satisfies
	Natural Science (N/NL)- 4 credit hours w/ lab	CHE 1510 - General Chemistry I **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	
	Technology Foundations	Course Equivalent
	CIT 100: Technology Foundations	Completed at UM-Flint
	Chemistry Core Core	Course 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 - Intro Quantitative Analysis Lab	CHE 1520 - General Chemistry II
	CHM 310 - Junior Seminar	Completed at UM-Flint
	CHM 330 - Organic Chemistry I	CHE 2610 - Organic Chemistry I
	CHM 331 - Organic Chemistry Lab I	CHE 2610 - Organic Chemistry I
	CHM 332 - Organic Chemistry II	CHE 2620 - Organic Chemistry II
	CHM 333 - Organic Chemistry Lab II	CHE 2620 - Organic Chemistry II
	CHM 350 - Fundamentals of Biochemistry	Completed at UM-Flint
	CHM 366 - Analytical Chemistry	Completed at UM-Flint
	CHM 367 - Analytical Chemistry Lab	Completed at UM-Flint
	CHM 372 - Green Chemistry	Completed at UM-Flint
	CHM 410 - Senior Seminar in Chemistry	Completed at UM-Flint
	CHM 472 - Inorganic Chemistry	Completed at UM-Flint
	Biology	Course Equivalent
	BIO 113 - Principles of Biology	BIO 1530 - Biology I: Molecular and Cell
	BIO 326 - Cell Biology	Completed at UM-Flint
	BIO 328 - Genetics	Completed at UM-Flint
	Mathematics	Course Equivalent
	MTH 121 - Calculus I	MAT 1710 Analytic Geometry/Calculus I **OR** MAT 1730 - Calculus I
	MTH 122 - Calculus II	MAT 1720 - Analytic Geometry/Calculus II **OR** MAT 1740 Calculus II
	Physics	Course Equivalent
	PHY 143 - College Physics **OR** PHY 243 - Prin of Physics	PHY 1610: College Physics I **OR** PHY 2400: Engineering Physics I
	PHY 145 - College Physics **OR** PHY 245 - Prin of Physics	PHY 1620: College Physics II **OR** PHY 2500:Engineering Physics II
	General Biochemistry Track	Course Equivalent
	CHM 340 - Physical Chemistry I	Completed at UM-Flint
	CHM 341 - Physical Chemistry Lab	Completed at UM-Flint
	CHM 344 - Applications of Math in Physical Chemistry	Completed at UM-Flint
	CHM 382 - Toxicology	Completed at UM-Flint
	CHM 440 - Physical Chemistry II	Completed at UM-Flint
	CHM 443 - Intro to Computational Chemistry	Completed at UM-Flint
	CHM 460 - Advanced Analytical Chemistry	Completed at UM-Flint
	CHM 461 - Advanced Analytical Chemistry Lab	Completed at UM-Flint
	CHM 473 - Inorganic Chemistry Lab	Completed at UM-Flint
	CHM 499 - Chemical Research	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.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.