

Bachelor of Science - Biochemistry: General Concentration

Transfer Pathway Guide for St. Clair Community College

This is a tool designed to assist SC4 students transferring to the University of Michigan-Flint. This is not a self-advising tool.

University of Michigan-Flint		St. Clair Community College
✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENG 101-English Composition I OR MTA satisfies
	English Composition - 3 credit hours	ENG 102- Eng Comp II OR SPC 101- 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
	Mathematics (FQ) - 3 credit hours	MTH 114 - Calculus I OR MTA satisfies
	Natural Science (N/NL)- 4 credit hours w/ lab	CHM 111: 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	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 310 - Junior Seminar	Completed at UM-Flint
	CHM 330 - Organic Chemistry I	CHM 215: Organic Chemistry I
	CHM 331 - Organic Chemistry Lab I	CHM 215: Organic Chemistry I
	CHM 332 - Organic Chemistry II	CHM 216: Organic Chemistry II
	CHM 333 - Organic Chemistry Lab II	CHM 216: 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 120: Cellular and Molecular Biology
	BIO 326 - Cell Biology	Completed at UM-Flint
	BIO 328 - Genetics	Completed at UM-Flint
	Mathematics	Course Equivalent
	MTH 121 - Calculus I	MTH 114 - Calculus I
	MTH 122 - Calculus II	MTH 2150 or MTH 215 - Calculus II
	Physics	Course Equivalent
	PHY 143 - College Physics OR PHY 243 - Principles of Physics	PHY 121: College Physics I OR PHY 221: Mechanics Heat & Sound
	PHY 145 - College Physics OR PHY 245 - Principles of Physics	PHY 122: College Physics II OR PHY 222: Elec Light Mod Physics
	General Concentration	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.		