

Bachelor of Science - Green Chemistry

Transfer Pathway Guide for Mott Community College

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

University of Michigan-Flint		Mott Community College
✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENGL 101 English Composition I OR MTA satisfies
	English Composition - 3 credit hours	ENGL 102 English Comp II OR COMM 131 Public Speaking OR COMM 200 Human Communication 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	MATH 170 - Analytic Geometry & Calculus I OR MTA satisfies
	Natural Science (N/NL) - 4 credit hours w/ lab	CHEM 131 - 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	CHEM 131 - General Chemistry I
	CHM 261 - General Chemistry Laboratory	CHEM 131 - General Chemistry I
	CHM 262 - Principles of Chemistry II	CHEM 132 - General Chemistry II
	CHM 263 - Intro Quantitative Analysis Lab	CHEM 132 - General Chemistry II
	CHM 310 - Junior Seminar	Completed at UM-Flint
	CHM 330 - Organic Chemistry I	CHM 237 - Organic Chemistry I
	CHM 331 - Organic Chemistry Lab I	CHM 237 - Organic Chemistry I
	CHM 332 - Organic Chemistry II	CHEM 238 - Organic Chemistry II
	CHM 333 - Organic Chemistry Lab II	CHEM 238 - Organic Chemistry II
	CHM 340 - Physical Chemistry I	Completed at UM-Flint
	CHM 341 - Physical Chemistry Lab	Completed at UM-Flint
	CHM 344 - Applications of Mathematics in Physical Chemistry	Completed at UM-Flint
	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 382 - Toxicology	Completed at UM-Flint
	CHM 410 - Senior Seminar in Chemistry	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 472 - Inorganic Chemistry	Completed at UM-Flint
	CHM 473 - Inorganic Chemistry Lab	Completed at UM-Flint
	CHM 499 - Chemical Research	Completed at UM-Flint
	Biology	Course Equivalent
	BIO 113 - Principles of Biology	BIO 1004 - Biological Concepts or BIO 111- Fundamentals of Biology
	Mathematics	Course Equivalent
	MTH 121 - Calculus I	MATH 170 - Analytic Geometry & Calculus I
	MTH 122 - Calculus II	MTH 180 - Analytic Geometry & Calculus 2
	Physics	Course Equivalent
	PHY 143 - College Physics or PHY 243 - Prin of Physics	PHYS 281: Gen College Physics I or PHY 287: Principles of Physics I
	PHY 145 - College Physics or PHY 245 - Prin of Physics	PHYS 282: Gen College Physics II or PHY 288: Principles of Physics II
	Environmental and Sustainability Electives	Course Equivalent
	Two customizable electives, such as sustainability, industrial processes, green energy, & environmental policy	Completed at UM-Flint
1. 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); a min. of 30 credit hours & the last 30 credits at UM-Flint 3. Min Cumulative GPA 2.5 in CHM courses AND Min of 25 CHM courses at the 300 or above taken at UM-Flint 4. Catalog and transfer credit are subject to change annually. Please speak with an UM-Flint representative before taking any additional coursework (810.762.3085, umflint.edu/advising) 5. To view courses that transfer to UM-Flint, please visit transfer.umflint.edu For an official evaluation, apply for free at UMFLINT.EDU/APPLY.		