

Bachelor of Science - Biochemistry: Pre-Medical Concentration

Transfer Pathway Guide for Lansing Community College

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

University of Michigan-Flint		Lansing Community College
✓	General Education Requirements	Course Equivalent
	English Composition - 3 credit hours	ENGL 121- Composition I OR MTA satisfies
	English Composition (Comp) - 3 credit hours	ENGL 122- Wrt Lit & Ideas OR WRIT 122- Comp 2 OR COMM/SPCH 120- Dynamic Com OR COMM/SPCH 110- Com in Workplace OR COMM/SPCH 130- Public Speaking OR MTA satisfies
	Social Science (S) - 6 credit hours	PSYC 200 - Intro to Psychology & SOCL 120 - Intro to Sociology 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 151 - Calculus I OR MTA satisfies
	Natural Science (N/NL) - 4 credit hours w/ lab	CHEM 151: Gen Chemistry I and CHEM 161: Gen Chem Lab 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	Course Equivalent
	CHM 260- Principles of Chemistry	CHEM 151: General Chemistry Lecture I
	CHM 261 - General Chemistry Laboratory	CHEM 161: General Chemistry Lab I
	CHM 262 - Principles of Chemistry II	CEM 182 - Gen Chem Lab II OR CHEM 152 - General Chemistry Lecture II
	CHM 263 - Intro Quantitative Analysis Lab	CHEM 162 - General Chemistry Lab II or CHM 262 - Quantitative Analysis
	CHM 310 - Junior Seminar	Completed at UM-Flint
	CHM 330 - Organic Chemistry I	CHEM 251: Organic Chemistry Lecture I
	CHM 331 - Organic Chemistry Lab I	CHEM 192: Intro Organic Chem Lab
	CHM 332 - Organic Chemistry II	CHEM 252: Organic Chemistry Lecture II
	CHM 333 - Organic Chemistry Lab II	CHEM 272: Organic Chemistry Lab
	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	BIOL 127 - Cell Biology
	BIO 326 - Cell Biology	Completed at UM-Flint
	BIO 328 - Genetics	Completed at UM-Flint
	Mathematic	Course Equivalent
	MTH 121 - Calculus I	MATH 151 - Calculus I
	MTH 122 - Calculus II	MATH 152 - Calculus 2
	Physics	Course Equivalent
	PHY 143 - College Physics or PHY 243 - Principles of Physics	PHYS 221: Introductory Physics I or PHYS 251: Physics I with Calculus
	PHY 145 - College Physics or PHY 245 - Principles of Physics	PHY 222: Introductory Physics II or PHYS 252: Physics II with Calculus
	Pre-Medical Concentration	Course Equivalent
	BIO 111: Organismal Biology	BIOL 128 - Organismal Biology
	CHM 340 - Physical Chemistry AND CHM 341 - Physical Chemistry Lab OR CHM 440 - Physical Chemistry II AND CHM 443 – Intro to Computational Chemistry	Completed at UM-Flint
	PSY 100-Principles of Psychology	PSYC 200 - Introduction to Psychology
	PSY 315- Survey of Social Psychology	PSYC 203: Social Psychology
	SOC 100- Introduction to Sociology	SOCL 120 - Introduction to Sociology
	An Additional upper-level Biology course TBD with UM-F Faculty and Professional advisors.	Completed at UM-Flint
	Optional electives may be chosen based upon where the student is seeking admission.	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.		