

MOTT COMMUNITY COLLEGE TRANSFER GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

CHEMISTRY AND BIOCHEMISTRY PROGRAMS – NEW CORE

This guide reflects the New Core Curriculum effective Fall 2017. Transfer students starting at Detroit Mercy between Fall 2017 and Summer 2021 will have the option to select this New Core or the Old Core. See Transfer Guides indicating “OLD CORE” for prior Core requirements.

The following courses will transfer into Detroit Mercy’s Chemistry and Biochemistry programs. Students may transfer a maximum of 63 credits toward a Bachelor's Degree. Course grades must be a 2.0 or better. Additional courses not on this guide may also transfer. Detroit Mercy Admissions: admissions@udmercy.edu or 313-993-1245.

Website: udmercy.edu

Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Mott Community College Courses	Detroit Mercy Equivalencies	Core
COMM 131 Fundamentals of Public Speaking	CST 1010 Fundamentals of Speech	A1
ENGL 102 English Composition II	ENL 1310 Academic Writing	A2
Satisfied by program requirement	Quant/Symbolic Reasoning course	B1
MATH 150 Probability and Statistics	BIO 2900 or STA 2500	B2
Satisfied by program requirement	Physical Sciences course	C1
<i>B.A. Chem only:</i> ECON 221, 222; GEOG 142; PSCN 170, 175; PSYC 281, 282, 283, 286, 291; SOCY 191, 193, 292, 296, 297	Social Sciences course	C2
PHIL 101 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
ENGL 253; PHIL 165, 251	Choose 1 Religious Knowledge course	D2
ENGL 253; PHIL 103, 165, 190, 251, 297	Choose 1 PHL/RELS Elective course	D3
HIST 151, 152, 154, 155, 212, 213, 254, 255, 257, 261-266	Choose 1 Historical Experiences course	E1
ENGL 220, 221, 223, 225, 227, 231, 240	Choose 1 Literary Experiences course	E2
ART 110, 113, 114, 116; ENGL 271; FILM 181; MUS 180, 182, 186, 187; PHOT 188; THTR 110, 120	Choose 1 Aesthetic Experiences course	E3
PHIL 295 Ethics <i>Pre-PA students should take ETH 3580 at Detroit Mercy</i>	PHL 2010 Foundations of Ethics	F1

Courses which fulfill Detroit Mercy Core Curriculum Integrating Theme Requirements

Mott Community College Courses	Detroit Mercy Equivalencies	Core
ANTH 200, 211, 212, 213; ARBC 111, 112; ART 243; ASL 100, 102, 111; CHI 111, 112; COMM 220; FREN 151, 152, 251, 252; GEOG 142; GERM 111, 112, 211, 212; HIST 152, 212, 257, 261-264; HONS 250; HREL 151; JAPA 111, 112, 211, 212; MUS 183; PSCN 275; RUSN 111, 112, 185, 211, 212; SLIE 103, 204, 205; SOCY 194; SPAN 160, 181, 182, 281, 282, 295, 298	Choose 1 Cultural Diversity course	IT3
In some cases, these may be fulfilled by program requirements or other Knowledge Area courses. See a Detroit Mercy advisor for a defined list of approved courses and more information.	Additional Integrating Themes IT1, IT2, IT4, IT5, IT6	

MTA Students only: Transfer students who satisfy the **Michigan Transfer Agreement (MTA)** will have the Core Knowledge Area requirements met. Fulfilling the Core Integrating Themes is still necessary.

Courses which fulfill requirements for Detroit Mercy’s Chemistry and/or Biochemistry programs

All Chemistry and Biochemistry programs:

Mott Community College Courses			Detroit Mercy Equivalencies		
CHEM	131/131L	General Chemistry I/Lab	CHM	1070/1100	General Chemistry I/Lab
CHEM	132/132L	General Chemistry II/Lab	CHM	1080/1120	General Chemistry II/Lab
CHEM	237/237L	Organic Chemistry I/Lab	CHM	2270 /2250	Organic Chemistry I/Lab
CHEM	238/238L	Organic Chemistry II/Lab	CHM	2290/2260	Organic Chemistry II/Lab
MATH	170	Analytic Geometry & Calculus I	MTH	1410	Analytic Geometry & Calculus I
MATH	180	Analytic Geometry & Calculus II	MTH	1420	Analytic Geometry & Calculus II

B.S. with Biochemistry major

Mott Community College Courses			Detroit Mercy Equivalencies		
BIOL	111/111L	Fundamentals of Biology/Lab	BIO	1200/1210	General Biology I/Lab
BIOL	125/125L	Zoology/Lab	BIO	1220/1230	General Biology II/Lab
PHYS	281/281L	General College Physics I/Lab	PHY	1300/1310	General Physics I/Lab
PHYS	282/282L	General College Physics II/Lab	PHY	1320/1330	General Physics II/Lab

B.S. with Chemistry major

Mott Community College Courses			Detroit Mercy Equivalencies		
MATH	250	Multivariable Calculus	MTH	2410	Analytic Geometry/Calculus III
PHYS	287/287L	General Physics I/Lab	PHY	1600/1610	General Physics I/Lab
PHYS	288/288L	General Physics II/Lab	PHY	1620/1630	General Physics II/Lab

B.A. with Chemistry major

Mott Community College Courses			Detroit Mercy Equivalencies		
PHYS	281/281L	General College Physics I/Lab	PHY	1300/1310	General Physics I/Lab
PHYS	282/282L	General College Physics II/Lab	PHY	1320/1330	General Physics II/Lab

Entrance Requirements:

- Minimum 2.50 GPA based on 24 or more credits earned at Mott CC (and/or other accredited institutions).
- If less than 24 credits have been earned, a student's high school transcript is required.
- Apply for admission to Detroit Mercy at udmercy.edu/apply; the application is free.

If you have any questions regarding Mott CC courses and how they transfer to Detroit Mercy, contact the Transfer Team at 313-993-1940 or transferteam@udmercy.edu.