

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

Mott Community College Courses		Detroit Mercy Equivalencies	
Core Knowledge Area A: Communication Skills			
COMM 131 Fundamentals of Public Speaking		CST 1010 Fundamentals of Speech	A1
ENGL 102 English Composition II		ENL 1310 Academic Writing	A2
Core Knowledge Area B: Mathematics/Statistical Knowledge			
Satisfied by program requirement		Quant/Symbolic Reasoning course	B1
MATH 150 Probability and Statistics		BIO 2900 or STA 2500	B2
Core Knowledge Area C: Scientific Knowledge			
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
Core Knowledge Area D: Religious and Philosophical Knowledge			
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, 295, 297		Choose 1 PHL/RELS Elective course	D3
Core Knowledge Area E: Essential Humanities			
HIST 151, 152, 154, 155, 212, 213, 254, 255, 257, 259, 261-266		Choose 1 Historical Experiences course	E1
ENGL 220, 221, 223, 225, 227, 231, 240		Choose 1 Literary Experiences course	E2
ART 110, 111, 112, 116, 214, 215; ENGL 271; FILM 181; MUS 180, 182, 186, 187, 271, 272; PHOT 188; THTR 110, 120		Choose 1 Aesthetic Experiences course	E3
Core Knowledge Area F: Ethics and Social Responsibility			
PHIL 295 Ethics <i>Pre-PA students should take ETH 3580 at Detroit Mercy</i>		PHL 2010 Foundations of Ethics	F1
Core Integrating Theme 3: Cultural Diversity			
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, 147, 243; GERM 111, 112, 211, 212; HIST 152, 212, 257, 261-264; HONS 250; 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
Additional Core Integrating Themes			
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	

These courses fulfill requirements for Detroit Mercy's Chemistry and/or Biochemistry programs:

Mott Community College Courses		Detroit Mercy Equivalencies	
All Chemistry and Biochemistry programs:			
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			
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			
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			
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

MTA Students only: Transfer students who satisfy the **Michigan Transfer Agreement (MTA)** will have the Core Knowledge Area requirements met (listed on page 1 of this guide). Fulfilling the Core Integrating Themes is still necessary.

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.