

WAYNE COUNTY CC DISTRICT 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 C or better. Additional courses not on this guide may also transfer. Detroit Mercy Admissions: admissions@udmercy.edu or 313-993-1245.

Website: udmercy.edu

Wayne County CC District Courses	Detroit Mercy Equivalencies	
Core Knowledge Area A: Communication Skills		
SPH 101 Fundamentals of Speech	CST 1010 Fundamentals of Speech	A1
ENG 120 English II	ENL 1310 Academic Writing	A2
Core Knowledge Area B: Mathematics/Statistical Knowledge		
Satisfied by program requirement	Quant/Symbolic Reasoning course	B1
BUS 221 Business Statistics	STA 2250 Statistics	B2
Core Knowledge Area C: Scientific Knowledge		
Satisfied by program requirement	Physical Sciences course	C1
<i>B.A. Chem only:</i> AAS 131; ECO 101, 102, 272; GEO 202; PS 101, 104, 160; PSY 101, 200, 202, 220, 250, 260; SOC 100, 103, 120, 230, 245, 250	Choose 1 Social Science course	C2
Core Knowledge Area D: Religious and Philosophical Knowledge		
PHL 201 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
MWS 101, 103, 112, 114; PHL 101, 102	Choose 1 Religious Knowledge course	D2
MWS 101, 103, 112, 114; PHL 101, 102, 211	Choose 1 PHL/RELS Elective course	D3
Core Knowledge Area E: Essential Humanities		
HIS 151, 152, 230, 249, 250, 261, 262	Choose 1 Historical Experiences course	E1
AAS 253; ENG 231, 232, 233, 260, 261, 266	Choose 1 Literary Experiences course	E2
AAS 175; ENG 280; HUM 101-103, 126, 141, 211, 212, 221, 222, 231, 232; MUS 100, 121	Choose 1 Aesthetic Experiences course	E3
Core Knowledge Area F: Ethics and Social Responsibility		
ALH 230; PHL 221 <i>Pre-PA students should select ALH 230 Medical Ethics</i>	Choose 1 Ethics Course	F1
Core Integrating Theme 3: Cultural Diversity		
AAS 120, 180; ANT 152, 154, 201, 210; ARA 101, 102, 105, 106, 201, 202; ASL 100, 110, 120, 150, 200, 220, 225, 230, 250, 260; CHN 101, 102; ENG 228, 290, 292; FRE 101, 102, 201, 202; GEO 202; GRM 101, 102, 201, 202; HIS 152, 261, 262; JPN 101, 102; MWS 101, 102, 103, 106, 107, 114; PSY 202; SPA 101, 102, 201, 202	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:

Wayne County CC District Courses			Detroit Mercy Equivalencies		
All Chemistry and Biochemistry programs:					
CHM	136	General Chemistry I	CHM	1070/1100	General Chemistry I/Lab
CHM	145	General Chemistry II	CHM	1080/1120	General Chemistry II/Lab
CHM	250	Organic Chemistry I	CHM	2270	Organic Chemistry I
CHM	252	Organic Chemistry II	CHM	2290	Organic Chemistry II
CHM	255	Laboratory for Organic Chemistry I & II	CHM	2250/2260	Organic Chemistry Lab I and II
MAT	171	Analytic Geometry & Calculus I	MTH	1410	Analytic Geometry & Calculus I
MAT	172	Analytic Geometry & Calculus II	MTH	1420	Analytic Geometry & Calculus II
B.S. with Biochemistry major					
BIO	155	Introductory Biology	BIO	1200/1210	General Biology I/Lab
BIO	175	Zoology	BIO	1220/1230	General Biology II/Lab
PHY	235	General Physics I	PHY	1300/1310	General Physics I/Lab
PHY	245	General Physics II	PHY	1320/1330	General Physics II/Lab
B.S. with Chemistry major					
MAT	271	Analytic Geometry & Calculus III	MTH	2410	Analytic Geometry/Calculus III
PHY	265	Physics for Scientists & Engineers I	PHY	1600/1610	General Physics I/Lab
PHY	275	Physics for Scientists & Engineers II	PHY	1620/1630	General Physics II/Lab
B.A. with Chemistry major					
PHY	235	General Physics I	PHY	1300/1310	General Physics I/Lab
PHY	245	General Physics II	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. Students should select courses that meet both the MTA and program specific requirements

Entrance Requirements:

- Minimum 2.50 GPA based on 24 or more credits earned at WCCCD (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 WCCCD courses and how they transfer to Detroit Mercy, contact the Transfer Team at 313-993-1940 or transferteam@udmercy.edu.