

# MACOMB 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 C or better. Additional courses not on this guide may also transfer.

Contact the Transfer Team if you have any questions: [transferteam@udmercy.edu](mailto:transferteam@udmercy.edu) or 313-993-1940.

#### Entrance Requirements:

- Minimum 2.50 GPA based on 24 or more credits earned at MCC (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](http://udmercy.edu/apply); the application is free.

#### Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Macomb Community College Courses	Detroit Mercy Equivalencies	Core Areas
<b>SPCH</b> 1060 Speech Communication	CST 1010 Fundamentals of Speech	A1
<b>ENGL</b> 1190 OR 1220	Choose 1 Written Communication course	A2
Satisfied by program requirement	Quant/Symbolic Reasoning course	B1
Satisfied by program requirement; no MCC equivalent	CHM 3870 Quantitative Analysis	B2
Satisfied by program requirement	Physical Science course	C1
<b><u>B.A. Chem only:</u></b> ANTH *1100, 1200, 2280; ECON 1160, 1170, 2110; FINC 1010; GEOG *2000; HIST 2000; LEGA 2030, 2160; POLS 1000, 1101, 1200, 1600, 1700, *1900; PSYC 1010, 2210-2850 (*2450, *2750, *2800); SOCY 1010, *1100, 2000, 2450, 2550	Choose 1 Social Sciences course	C2
<b>PHIL</b> 2010 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
<b>HUMN</b> 1700, 2000, 2100	Choose 1 Religious Knowledge course	D2
<b>HUMN</b> 1700, 2000, 2100; <b>PHIL</b> 2120, 2200, *2400	Choose 1 PHL/RELS Elective course	D3
<b>HIST</b> 1500, 1600, *1700, 2100, *2200, 2520; <b>INTL</b> 2000	Choose 1 Historical Experiences course	E1
<b>ENGL</b> 1730, 2510, 2520, 2600, 2610, 2710-*2740, 2800, 2810, 2850	Choose 1 Literary Experiences course	E2
<b>ARTT</b> 1620, 1625, 2650, 2660; <b>DRAD</b> 1025; <b>ENG</b> 2410; <b>HUMN</b> 1210, 1270, 1300, 1460, 1473, 1476; <b>MACA</b> 1025; <b>MUSC</b> 1030, 1040, 2710, 2720	Choose 1 Aesthetic Experiences course	E3
<b>PHIL</b> 2100 Introduction to Ethics	PHL 2010 Foundations of Ethics	F1

**\*Highlighted courses within the Knowledge Areas also fulfill an Integrating Theme (IT) requirement; see IT options.**

**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. Students should select courses that meet both the MTA and program specific requirements.

### Courses which fulfill Detroit Mercy Core Curriculum Integrating Theme Requirements

Macomb Community College Courses	Detroit Mercy Equivalencies	Core Areas
Satisfied by program requirement	CHM 2300 Organic Chemistry Lab II	IT1
BLAW 1080 Business Law I	BUS 2310 Business Law I	IT2
HIST 2200 History of US Since 1877	HIS 2510 United States Since 1877	IT2
PHIL 2200 Introduction to Logic	PHL 1500 Critical Thinking	IT2
PHYS 2220 Analytical Physics 1	PHY 1600/1610 General Physics I and Lab	IT2
<b>ANTH 1100; ARAB 1460, 1470, 2460; CHIN 1460, 1470; FREN 1460, 1470, 2460, 2470; GRMN 1460, 1470, 2460; HIST 1260, 1270, 1700; HUMN 1750; INTL 2010, 2300, 2800; ITAL 1460, 1470, 2460, 2470; POLS 1900; PSYC 2750; SIGN 1010, 1020, 1030, 2010; SPAN 1460, 1470, 2460, 2470</b>	Choose 1 Cultural Diversity course	IT3
ENGL 2740 Intro African American Literature	ENL 2850 African American Literature	IT4
GEOG 2000 World Regional Geography	GEO 2110 World Regional Geography	IT4
PSYC 2450 Lifespan Development	PYC 2500 Developmental Psychology	IT4
PSYC 2800 Abnormal Psychology	PYC 3420 Abnormal Psychology	IT4
SPCH 2300 Intercultural Communication	CST 3140 Intercultural Communication	IT4
PHIL 2400 Philosophy of Religion	PHL 3020 Philosophy of Religion	IT5 & 6

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

#### All Chemistry and Biochemistry programs:

Macomb Community College Courses	Detroit Mercy Equivalencies
CHEM 1170 General Chemistry 1	CHM 1070/1100 General Chemistry I/Lab
CHEM 1180 General Chemistry 2	CHM 1080/1120 General Chemistry II/Lab
CHEM 2260 Organic Chemistry 1	CHM 2270 Organic Chemistry I
CHEM 2270 Organic Chemistry Laboratory	CHM 2250/2260 Organic Chemistry Labs I & II
CHEM 2280 Organic Chemistry 2	CHM 2290 Organic Chemistry II
MATH 1760 Analytic Geometry & Calculus 1	MTH 1410 Analytic Geometry & Calculus I
MATH 1770 Analytic Geometry & Calculus 2	MTH 1420 Analytic Geometry & Calculus II

**B.S. with Biochemistry major**

Macomb Community College Courses			Detroit Mercy Equivalencies		
BIOL	1000	General Biology 1	BIO	1200/1210	General Biology I/Lab
BIOL	1010	General Biology 2	BIO	1220/1230	General Biology II/Lab
PHYS	1180	College Physics 1	PHY	1300/1310	General Physics I/Lab
PHYS	1190	College Physics 2	PHY	1320/1330	General Physics II/Lab

**B.S. with Chemistry Major**

Macomb Community College Courses			Detroit Mercy Equivalencies		
MATH	2760	Analytic Geometry and Calculus 3	MTH	2410	Analytic Geometry/Calculus III
PHYS	2220	Analytical Physics 1	PHY	1600/1610	General Physics I/Lab
PHYS	2230	Analytical Physics 2	PHY	1620/1630	General Physics II/Lab

**B.A. with Chemistry major**

Macomb Community College Courses			Detroit Mercy Equivalencies		
PHYS	1180	College Physics 1	PHY	1300/1310	General Physics I/Lab
PHYS	1190	College Physics 2	PHY	1320/1330	General Physics II/Lab