

SCHOOLCRAFT 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 or 313-993-1940.

Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Schoolcraft College Courses	Detroit Mercy Equivalencies	Core
COMA 103 Fundamentals of Speech	CST 1010 Fundamentals of Speech	A1
ENG 102 or 221	ENL 1310 Academic Writing	A2
Satisfied by program requirement	Quant/Symbolic Reasoning course	B1
Taken at Detroit Mercy	CHM 3870 Qualitative Analysis	B2
BIOL 104, 105, 120, 130, 236, 237, 238; CHEM 104, 111, 117, 120; GEOG 135, 203, 212; GEOL 133, 134, 237; PHYS 104, 123, 181, 182, 211* , 212	Choose 1 Physical Sciences course	C1
ANTH 201; ECON 103, 201, 202; GEOG 133; POLS 105, 109, 205, 207, 209; PSYCH 153, 201, 205, 206* , 207, 209, 219, 229* , 239* ; SOC 201, 205, 209, 210, 211, 220, 290	Choose 1 Social Sciences course	C2
PHIL 243 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
ANTH 211 Myth, Magic, World Religions	Religious Knowledge course	D2
PHIL 265 Philosophy of Religion	2nd PHL/RELS Knowledge course	D3
HIST 134, 137, 138, 151, 152, 153*	Choose 1 Historical Experiences course	E1
ENG 243, 244, 245, 246, 248, 251, 252, 275	Choose 1 Literary Experiences course	E2
ART 113, 115, 116, 133, 134, 201, 216, 228, 246; CGT 161, 244; ENG 200, 205, 206; HUM 151, 152, 201, 202, 203, 204, 210, 215; MUSIC 105, 149, 155, 160, 164, 165; THEA 101, 210, 231, 232	Choose 1 Aesthetic Experiences course	E3
PHIL 257, 277	Choose 1 Ethics course	F1

***Highlighted courses within the Knowledge Areas also fulfill an Integrating Theme (IT) requirement; see IT options on page 2.**

Entrance Requirements:

- Minimum 2.50 GPA based on 24 or more credits earned at Schoolcraft (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.

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

Schoolcraft College Courses	Detroit Mercy Equivalencies	Core
Satisfied by program requirement	CHM 2300 Organic Chemistry Laboratory II	IT1
BUS 207 Business Law 1	BUS 2310 Business Law I	IT2
HIST 153 Contemporary America – U.S. History	HIS 2510 United States Since 1877	IT2
PHIL 247 Logic	PHL 1500 Critical Thinking	IT2
PHYS 211 Physics for Scientists/Engineers 1 <i>BS CHEM MUST take PHYS 211 for IT2</i>	PHY 1600 General Physics I and PHY 1610 General Physics Lab I	IT2
ANTH 112, 117, 201, 214; ARB 101, 102, 201, 202; CHIN 101, 102, 201, 202; FR 101, 102, 201, 202; GEOG 133; GER 101, 102, 201, 202; ITAL 101, 102; POLS 207; PSYCH 206; SOC 210; SPAN 101, 102, 201, 202	Choose 1 Cultural Diversity course	IT3
PSYCH 206 Human Sexuality	PYC 2750 Human Sexuality	IT4
PSYCH 229 Life-Span Developmental Psychology	PYC 2500 Developmental Psychology	IT4
PSYCH 239 Abnormal Psychology	PYC 3420 Abnormal Psychology	IT4
Must be taken at Detroit Mercy	Detroit Mercy has many options	IT5
BUS 202 Business Ethics <i>BS Biochemistry satisfied by program requirement</i>	BUS 3190 Business Ldrshp and Soc Rspnsblty CHM 4740 <i>Recent Advances in Biochemistry</i>	IT6

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

All Chemistry and Biochemistry programs:

Schoolcraft College Courses	Detroit Mercy Equivalencies
CHEM 111 General Chemistry 1	CHM 1070/1100 General Chemistry I/Lab
CHEM 117 General Chemistry 2 & Quantitative Analysis	CHM 1080/1120 General Chemistry II/Lab
CHEM 213 Organic Chemistry 1	CHM 2270/2250 Organic Chemistry I
CHEM 214 Organic Chemistry 2	CHM 2290/2260 Organic Chemistry II
MATH 150 Calculus with Analytic Geometry 1	MTH 1410 Analytic Geometry & Calculus I
MATH 151 Calculus with Analytic Geometry 2	MTH 1420 Analytic Geometry & Calculus II

B.S. with Biochemistry major

Schoolcraft College Courses	Detroit Mercy Equivalencies
BIOL 120 Principles of Biology 1	BIO 1200/1210 General Biology I/Lab
BIOL 130 Principles of Biology 2	BIO 1220/1230 General Biology II/Lab
PHYS 181 General Physics 1	PHY 1300/1310 General Physics I/Lab
PHYS 182 General Physics 2	PHY 1320/1330 General Physics II/Lab

B.S. with Chemistry major

Schoolcraft College Courses	Detroit Mercy Equivalencies
MATH 240 Calculus with Analytic Geometry 3	MTH 2410 Analytic Geometry/Calculus III
PHYS 211 Physics for Scientists & Engineers 1	PHY 1600/1610 General Physics I/Lab
PHYS 212 Physics for Scientists & Engineers 2	PHY 1620/1630 General Physics II/Lab

B.A. with Chemistry major

Schoolcraft College Courses	Detroit Mercy Equivalencies
PHYS 181 General Physics 1	PHY 1300/1310 General Physics I/Lab
PHYS 182 General Physics 2	PHY 1320/1330 General Physics II/Lab