



OAKLAND COMMUNITY COLLEGE TRANSFER GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

CHEMISTRY AND BIOCHEMISTRY – OLD CORE

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

This guide reflects the Old Core Curriculum effective prior to Fall 2017. Transfer students starting between Fall 2017 and Summer 2021 will have the option to select this Old Core or the New Core. See Transfer Guides indicating "NEW CORE" for the new requirements.

OAKLAND COMMUNITY COLLEGE COURSES

Required Objective 1 courses:

COM 1600 Fundamentals of Speech
ENG 1520 Composition II

Required Objective 2 courses:

CIS 1050-1090, 1720, 2252

Required Objective 3 courses:

B.A. Chemistry program only:

ECO 2610, 2620; POL 1510; PSY 2510; SOC 2510

Required Objective 4 courses:

PHI 1510 Introduction to Philosophy
HUM 1710, 2720
HUM 1710, 2720; PHI 1610, 1710, 2710

Required Objective 5 courses:

B.S. Chem/B.S. Biochem require 2 courses total from OB5A, OB5B, OB5C (both cannot be from the same group) and 1 course from OB5D.

B.A. Chem requires 1 course each from OB5A, OB5B, OB5C, and OB5D.

HIS 1510, 1550, 2510, 2520, 2610, 2620

ENG 1610, 1710, 1720, 2510-2560, 2750-2770

ART 1560, 2600; FSH 1500; HUM 1510, 1520, 1900,
2100-2109, 2900; MUS 1560, 1585, 1590; THE 1561, 1571

ANT 1540, 2750; ARB 1510, 1530; CHI 1510; COM 2290;
FRE 1510-2620; GEO 1520; GER 1510, 1530; HIS 1520;
ITA 1510, 1530; JPN 1510-2620; POL 2610; SLS 1000,
1010-1045, 1501; SOC 2530; SPA 1510-2620

Required Objective 6 courses:

BIO 1580; MDA 1350; PHI 1610 (if not used for OB4C)

Pre-PA students should select MDA 1350 Medical Law and Ethics

MTA Students only:

Detroit Mercy participates in the **Michigan Transfer Agreement** (MTA). Most of Detroit Mercy's Core Curriculum (listed above) will be satisfied for students who complete the MTA. However, MTA students also need to complete the requirements below either as part of the MTA, beyond the MTA at another institution, or at Detroit Mercy.

ENL 1310 (OB1) - if 2nd English Comp class is not taken CST 1010 (OB1) – if Communications class is not taken

PHL 1000 (OB4A) Religious Studies (OB4B) Ethics (OB6A)

Contemporary Social Problems (OB6B) A minimum of three OB5 courses must be completed.

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

If you have any questions, contact the Transfer Team at transferteam@udmercy.edu or 313-993-1940.

DETROIT MERCY EQUIVALENCIES

Communication Skills:

CST 1010 Fundamentals of Speech OB1
ENL 1310 Academic Writing OB1

Mathematical & Computer Skills:

Choose 1 Computer Skills course OB2B

Scientific Literacy:

Choose 1 Social Science course OB3A

Meaning & Value:

PHL 1000 Introduction to Philosophy OB4A
Choose 1 Religious Studies course OB4B
Choose 1 add'l Phil/Religious Studies course OB4C

Diverse Human Experience:

Historical Experience courses OB5A

Literary Experience courses OB5B

Aesthetic Experience courses OB5C

Choose 1 Comparative Experience course OB5D

Social Responsibility:

Choose 1 Ethics course OB6A

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

OAKLAND COMMUNITY COLLEGE COURSES

DETROIT MERCY EQUIVALENCIES

All Chemistry and Biochemistry programs:

CHE 1510	General Chemistry I	CHM 1070/1100	General Chemistry I/Lab
CHE 1520	General Chemistry II	CHM 1080/1120	General Chemistry II/Lab
CHE 2610	Organic Chemistry I	CHM 2270	Organic Chemistry I
CHE 2620	Organic Chemistry II	CHM 2290	Organic Chemistry II
CHE 2650	Organic Chemistry Lab	CHM 2250/2260	Organic Chemistry Labs I & II
MAT 1730	Calculus I	MTH 1410	Analytic Geometry & Calculus I
MAT 1740	Calculus II	MTH 1420	Analytic Geometry & Calculus II

B.S. with Biochemistry major

BIO 1530	Biology I: Molecular & Cellular	BIO 1200/1210	General Biology I/Lab
BIO 1560	Biology II: Biodiversity & Ecology	BIO 1220/1230	General Biology II/Lab
BIO 2560	Principles of Genetics	BIO 2700	Genetics (BIO Elective)
PHY 1610	College Physics I	PHY 1300/1310	General Physics I/Lab
PHY 1620	College Physics II	PHY 1320/1330	General Physics II/Lab

B.S. with Chemistry major

MAT 2740	Calculus III	MTH 2410	Analytic Geometry & Calculus III
PHY 2400	Engineering Physics I	PHY 1600/1610	General Physics I/Lab
PHY 2500	Engineering Physics II	PHY 1620/1630	General Physics II/Lab

B.A. with Chemistry major

PHY 1610	College Physics I	PHY 1300/1310	General Physics I/Lab
PHY 1620	College Physics II	PHY 1320/1330	General Physics II/Lab

ENTRANCE REQUIREMENTS

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