



OAKLAND COMMUNITY COLLEGE TRANSFER GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
BIOLOGY PROGRAM

Entrance Requirements: Minimum 2.5 GPA based on at least 24 credits. If less than 24 credits have been taken, high school transcripts are required. Only grades of “C” (2.0) or higher may transfer. Students may transfer a maximum of 63 credits toward a Bachelor's Degree. Additional courses not on this guide may also be transferable. For more information or to arrange a campus visit, please contact an Admissions Counselor at 313-993-1245, 800-635-5020, or admissions@udmercy.edu.

UDM website: www.udmercy.edu

OAKLAND COMMUNITY COLLEGE COURSES

Major Courses:

BIO 1530	Biology I: Molecular & Cellular
BIO 1560	Biology II: Biodiversity & Ecology
CHE 1510	General Chemistry I
CHE 1520	General Chemistry II
CHE 2610	Organic Chemistry I
CHE 2620	Organic Chemistry II
CHE 2650	Organic Chemistry Lab
MAT 1630	College Algebra and Trigonometry
PHY 1610	College Physics I
PHY 1620	College Physics II

UDM EQUIVALENCIES

BIO 1200/1210	General Biology I/ Lab
BIO 1220/1230	General Biology II/ Lab
CHM 1070/1100	General Chemistry I/ Lab
CHM 1080/1120	General Chemistry II/ Lab
CHM 2270	Organic Chemistry I
CHM 2290	Organic Chemistry II
CHM 2250/2260	Organic Chem Labs I & II
MTH 1400	Elementary Functions
PHY 1300/1310	General Physics I/ Lab
PHY 1320/1330	General Physics II/ Lab

NOTE: MAT 1730 and MAT 1740 are strongly recommended for Biology majors:

MAT 1730	Calculus I	MTH 1410	Analytic Geom & Calculus I
MAT 1740	Calculus II	MTH 1420	Analytic Geom & Calculus II

Biology Elective Course:

BIO 2560	Principles of Genetics	BIO 2700	Genetics
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Core Curriculum Courses:

ENG 1520	Composition II	ENL 1310	Academic Writing (OB1)
COM 1600	Fundamentals of Speech	CST 1010	Fund of Speech (OB1)
CIS 1050	Personal Computer Productivity Tools	CIS 1000	Intro to Computers (OB2B)
PHI 1510	Introduction to Philosophy	PHL 1000	Intro to Philosophy (OB4A)
HUM 1710, 2720			Choose 1 Religious Studies course (OB4B)
HUM 1710, 2720; PHI 1520, 1710, 2710			Choose 1 add'l Phil or Relig Studies (OB4C)
PHI 1610	Ethics	PHL 2010	Ethics (OB6A)

Objective 5 Courses (select up to three*):

Additional courses not listed may also transfer.

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

Historical Experience courses (OB5A)

ENG 1610, 1710, 1720, 2510, 2520, 2530, 2540,
2550, 2560, 2750, 2760, 2770

Literary Experience courses (OB5B)

ART 1560, 1700, 2560, 2600, 2620;
FSH 1500; HUM 1510, 1520, 1900, 2100-2109, 2900;
MUS 1540, 1550, 1560, 1585, 1590, 1685;
THE 1561, 1571

Aesthetic Experience courses (OB5C)

ANT 1540, 2510, 2750; ARB 1510-2620; CHI 1510-2620; Comparative Experience courses (OB5D)
COM 2290; FRE 1510-2620; GEO 1520; GER 1510-2620;
HIS 1520; ITA 1510-2610; JPN 1510-2620; POL 2610;
RUS 1510-2620; SLS 1000, 1010-1045, 1501; SOC 2530;
SPA 1510-2620

* Choose any combination for a total of two courses from Objectives 5A, 5B, and 5C above. Choose one course from Objective 5D.

HIGHLIGHTS

- For the eleventh consecutive year, University of Detroit Mercy is listed in the **top tier** of Midwestern Regional Universities in the 2012 edition of the *U.S. News and World Report's "America's Best Colleges."* UDM is once again ranked one of the top 25 schools in its category and is one of the highest ranking Michigan universities to make the list.
- The Bachelor of Science degree in Biology prepares students for admission into various professional schools including **medical, dental, physician assistant, veterinary, pharmacy, podiatry, optometry, chiropractic, and law.** Other exciting career opportunities with this degree include **teaching, medical forensics, criminal justice, and clinical and basic research.** UDM students are also accepted into Master of Science and Doctor of Philosophy programs.
- Biology faculty have active research programs and work with **undergraduate students in their laboratories.** Undergraduates have been co-authors on numerous research publications and have attended both regional and national scientific meetings.
- Many professional and social opportunities are available in organizations such as:
 - **Alpha Epsilon Delta Honor Society** -welcomes students with superior grades in Biology and offers opportunities for them to advance their knowledge and interest in science
 - **PDSA Pre-Dental Student Association** - in league with the Dental Student Association in Corktown
 - **Biology Club**
 - **Chemistry Club**