



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

Entrance Requirements: 2.5 GPA based on at least 24 semester hours of credit. If less than 24 credits have been taken, high school transcripts are required. Students may transfer a maximum of 63 semester hours toward a Bachelor's Degree. According to transfer policy, 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	Intro Biology: Molecular & Cellular
BIO 1560	Intro Biology: 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 120/121	General Biology I/ Lab
BIO 122/123	General Biology II/ Lab
CHM 107/110	General Chemistry I/ Lab
CHM 108/112	General Chemistry II/ Lab
CHM 227	Organic Chemistry I
CHM 229	Organic Chemistry II
CHM 225/226	Organic Chem Labs I & II
MTH 140	Elementary Functions
PHY 130/131	General Physics I/ Lab
PHY 132/133	General Physics II/ Lab

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

MAT 1730	Calculus I	MTH 141	Analytic Geom & Calculus I
MAT 1740	Calculus II	MTH 142	Analytic Geom & Calculus II

Biology Elective Course:

BIO 2560	Principles of Genetics	BIO 270	Genetics
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Core Curriculum Courses:

ENG 1520	Composition II	ENL 131	Academic Writing (Obj 1)
SPE 1610	Fundamentals of Speech	CST 101	Fund of Speech (Obj 1)
CIS 1050	Personal Computer Productivity Tools	CIS 100	Intro to Computers (Obj 2)
PHI 1510	Introduction to Philosophy	PHL 100	Intro to Philosophy (Obj 4)
HUM 1710, 2720			Choose 1 Religious Studies course (Obj 4)
HUM 1710, 2720; PHI 1520, 1710			Choose 1 add'l Phil or Relig Studies (Obj 4)
PHI 1610	Ethics	PHL 201	Ethics (Obj 6A)

Objective 5 Courses (select up to three*):

HIS 1510-1550, 1700-2620	Historical Experience courses (Obj 5A)
ENG 1610, 1710, 1720, 2300-2560, 2750-2770	Literary Experience courses (Obj 5B)
ART 1550, 1560, 1700, 2510, 2520, 2560-2620; FSH 1500; HUM 1510, 1520, 1900, 2900; MUS 1540-1560, 1585, 1590, 1685; THE 1561, 1571, 1800	Aesthetic Experience courses (Obj 5C)
ANT 1540-2750; ARB 1510-2620; CHI 1510-2620; FRE 1510-2620; GEO 1520; GER 1510-2620; ITA 1510-2610; JPN 1510-2620; POL 2610; RUS 1510-2620; SOC 2530; SPA 1510-2620	Comparative Experience courses (Obj 5D)

* 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 seventh consecutive year, University of Detroit Mercy is listed in the top tier of Midwestern Master's Universities in the 2008 edition of the *U.S. News and World Report's* "America's Best Colleges." In the magazine's "**Great Schools, Great Prices**" listing, UDM ranked **third** in its category. According to *U.S. News*, this ranking highlights the best financial value as it relates to a school's academic quality.
- The Bachelor of Science Degree in Biology prepares students for admission into various **medical** and **dental** programs. Other exciting career opportunities with this degree include **teaching, medical forensics, criminal justice and industrial research**. UDM students are accepted into Master of Science and Doctor of Philosophy programs, as well as different professional schools, including: **medical, dental, physician assistant, veterinary, criminal justice, pharmacy, podiatry, optometry, chiropractic, and law**.
- **The Alpha Epsilon Delta Honor Society** welcomes students with high grades in Biology and offers opportunities for them to advance their knowledge and interest in science.