



MACOMB COMMUNITY COLLEGE EQUIVALENCY GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
BIOLOGY

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

MACOMB COMMUNITY COLLEGE COURSES

UDM EQUIVALENCIES

Major Courses:

BIOL 1000 General Biology 1
BIOL 1010 General Biology 2
CHEM 1170 General Chemistry 1
CHEM 1180 General Chemistry 2
CHEM 2260 Organic Chemistry 1
CHEM 2270 Organic Chemistry Laboratory
CHEM 2280 Organic Chemistry 2
MATH 1450 Algebra and Trigonometry **or**
MATH 1460 Precalculus
PHYS 1180 College Physics 1
PHYS 1190 College Physics 2

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 225/226 Organic Chem Labs I & II
CHM 229 Organic Chemistry II

MTH 140 Elementary Functions
PHY 130/131 General Physics I/ Lab
PHY 132/133 General Physics II/ Lab

NOTE: MATH 1760 and MATH 1770 are strongly recommended for Biology majors:

MATH 1760 Analytic Geometry and Calculus 1
MATH 1770 Analytic Geometry and Calculus 2

MTH 141 Analytic Geom & Calculus I
MTH 142 Analytic Geom & Calculus II

Core Curriculum Courses:

ENGL 1190 Communications 2 **or**
ENGL 1220 Composition 2
SPCH 1060 Speech Communication
ITCS 1010 Computer & Info Processing Principles
PHIL 2010 Introduction to Philosophy
HUMN 1700, 2000
HUMN 1700, 2000; PHIL 2200, 2400
PHIL 2100 Introduction to Ethics

ENL 131 Academic Writing (Obj 1)
CST 101 Fund of Speech (Obj 1)
CIS 100 Intro to Computers (Obj 2)
PHL 100 Intro to Philosophy (Obj 4)
Choose 1 Religious Studies course (Obj 4)
Choose 1 add'l Phil or Relig Studies (Obj 4)
PHL 201 Ethics (Obj 6A)

Objective 5 Courses (select up to three*):

HIST 1400-1700, 2100-2390

Historical Experience courses (Obj 5A)

ENGL 1730, 2510-2610, 2710-2850

Literary Experience courses (Obj 5B)

ARTT 1060-1360, 1460, 1610, 2060, 2160, 2560,
2600, 2610, 2620; HUMN 1210-1479, 1750;
MUSC 1030, 2710, 2720; THEA 1100, 1150

Aesthetic Experience courses (Obj 5C)

ARAB 1260; ANTH 1000; FREN 1260-2370;
GEOG 2000; GRMN 1260-2370; HIST 1260, 1270,
2000, 2420, 2520, 2650; INTL 2000-2700;
ITAL 1260-2360; POLS 1900, 1950; SOSOC 2010;
SPAN 1260-2370; SPCH 2300

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.