



HENRY FORD 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 800-635-5020, 313-993-1245, or admissions@udmercy.edu.

UDM website: www.udmercy.edu

HENRY FORD COMM COLLEGE COURSES

UDM EQUIVALENCIES

Major Courses:

BIO 150	Biology: Organisms, Genes, and Ecology	BIO 122/123	General Biology II/ Lab
BIO 152	Biology: Cells and Molecular Biology	BIO 120/121	General Biology I/ Lab
CHEM 141	Principles of General & Inorganic Chem I	CHM 107/110	General Chemistry I/ Lab
CHEM 142	Principles of General & Inorganic Chem II	CHM 108/112	General Chemistry II/ Lab
CHEM 241	Organic Chemistry I	CHM 227	Organic Chemistry I
CHEM 242	Organic Chemistry II	CHM 229	Organic Chemistry II
CHEM 243	Organic Chemistry Laboratory I	CHM 225	Organic Chemistry Lab I
CHEM 244	Organic Chemistry Laboratory II	CHM 226	Organic Chemistry Lab II
MATH 175	Precalculus	MTH 140	Elementary Functions
PHYS 131	Liberal Arts Physics	PHY 130/131	General Physics I/ Lab
PHYS 132	Liberal Arts Physics (Continued)	PHY 132/133	General Physics II/ Lab

NOTE: MATH 180 and MATH 183 are strongly recommended for Biology majors:

MATH 180	Calculus I	MTH 141	Analytic Geom & Calculus I
MATH 183	Calculus II	MTH 142	Analytic Geom & Calculus II

Core Curriculum Courses:

ENG 132	College Writing and Research	ENL 131	Academic Writing (Obj 1)
SPC 131	Fundamentals of Speaking	CST 101	Fund of Speech (Obj 1)
BCA 140	Software Applications	CIS 100	Intro to Computers (Obj 2)
PHIL 137	Topics in Philosophy	PHL 100	Intro to Philosophy (Obj 4)
WR 130-233			Choose 1 Religious Studies course (Obj 4)
PHIL 131-135; WR 130-240			Choose 1 Phil or Relig Studies course (Obj 4)
PHIL 139	Ethics	PHL 201	Ethics (Obj 6A)

Objective 5 Courses (select up to three*):

HIST 111-255, 260, 262

Historical Experience courses (Obj 5A)

ENG 231-241, 245, 248

Literary Experience courses (Obj 5B)

ART 101, 102, 105, 121-130, 135, 141, 224; HUM 101;
MUS 130-133, 232, 233; STH 131, 132, 238; TCM 132

Aesthetic Experience courses (Obj 5C)

ANTH 131-152; ARA 131-231; CHN 131; ENG 243;
FRE 131-232; GEOG 132; GER 131-231; HIST 257;
HONORS 251; ITAL 131-132; SOC 251; SPN 131-232;

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 eighth consecutive year, University of Detroit Mercy is listed in the **top tier of Midwestern Master's Universities** in the 2009 edition of the *U.S. News and World Report's "America's Best Colleges."* The University was ranked one of the top 25 schools in its category and the **highest-ranking school in Michigan.**
- 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.