



# WAYNE COUNTY COMMUNITY COLLEGE DISTRICT EQUIVALENCY GUIDE

## Biology

College of Engineering and Science

Entrance Requirements: 2.5 GPA based on at least 24 semester hours of credit. 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](mailto:admissions@udmercy.edu).

UDM website: [www.udmercy.edu](http://www.udmercy.edu)

### WAYNE CCC DISTRICT COURSES

#### Major Courses:

BIO 155	Introductory Biology
BIO 175	Zoology
CHM 136	General Chemistry I
CHM 145	General Chemistry II
CHM 250	Organic Chemistry I
CHM 252	Organic Chemistry II
CHM 255	Laboratory for Organic Chemistry
MAT 156	Trigonometry
PHY 235	General Physics I
PHY 245	General 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	General Chemistry II
CHM 227	Organic Chemistry I
CHM 229	Organic Chemistry II
CHM 228	Organic Chemistry Lab I
MTH 140	Elementary Functions
PHY 130/131	General Physics I/Lab
PHY 132/133	General Physics II/Lab

NOTE: MAT 171 & MAT 172 are strongly recommended for Biology majors:

MAT 171	Analytic Geometry and Calculus I	MTH 141	Analytic Geom & Calculus I
MAT 172	Analytic Geometry and Calculus II	MTH 142	Analytic Geom & Calculus II

#### Core Curriculum Courses:

ENG 120	English II	ENL 131	Academic Writing (Obj 1)
SPH 101	Fundamentals of Speech	CST 101	Fund of Speech (Obj 1)
BUS 225	Computer Application in Business	CIS 100	Intro to Computers (Obj 2)
PHL 201	Introduction to Philosophy	PHL 100	Intro to Philosophy (Obj 4)
PHL 101, 102			Choose 1 Religious Studies course (Obj 4)
PHL 101, 102, 211, 221			Choose 1 add'l Phil. or Relig. Stds. (Obj 4)
PHL 221	Ethics	PHL 201	Ethics (Obj 6A)

## Objective 5 Courses:

AAS 150; HIS 151-262	Historical Experience courses (Obj 5A)*
AAS 253; ENG 212-266, 285	Literary Experience courses (Obj 5B)*
AAS 175; HUM 101-232; MUS 121; THEA 151	Aesthetic Experience courses (Obj 5C)*
AAS 120, 180; ANT 152, 154; ARA 101, 102; ENG 290, 292; FRE 101-202; GEG 202; JPN 101, 102; MWS 101-103; SPA 101-202; SOC 230; WS 218	Comparative Experience courses (Obj 5D)*

\* Choose any combination for a total of 2 courses from objectives 5A, 5B, and 5C above. Choose 1 course from objective 5D.

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## FAST FACTS

- The 2005 edition of the *U.S. News and World Report's* "America's Best Colleges" placed the University of Detroit Mercy among the top 25 Midwestern master's universities and **first in Michigan** in our category. UDM is also one of 15 Midwest universities in the magazine's "**Best Values: Great Schools at Great Prices**" category.
- 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, forensics, and industrial research**. UDM students are accepted into Master of Science and Doctor of Philosophy programs, as well as professional schools, including: **medical, dental, physician assistant, veterinary, pharmacy, podiatry, optometry, chiropractic, criminal justice, and law**.
- **Acceptance rates** for UDM students into **Medical Schools: 85%** (national average is ~68%); **Dental Schools: 75%** (national average is ~62%).
- **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.