



LANSING 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 UDM 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](mailto:admissions@udmercy.edu).

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

**LANSING COMM COLLEGE COURSES**

**UDM EQUIVALENCIES**

**Major Courses:**

BIOL 127	Cell Biology	BIO 1200/1210	General Biology I/Lab
BIOL 128	Organismal Biology	BIO 1220/1230	General Biology II/Lab
CHEM 151	General Chemistry Lecture I	CHM 1070	General Chemistry I
CHEM 152	General Chemistry Lecture II	CHM 1080	General Chemistry II
CHEM 161	General Chemistry Laboratory I	CHM 1100	Chemistry Laboratory I
CHEM 162	General Chemistry Laboratory II	CHM 1120	Chemistry Laboratory II
CHEM 251	Organic Chemistry Lecture I	CHM 2270	Organic Chemistry I
CHEM 252	Organic Chemistry Lecture II	CHM 2290	Organic Chemistry II
CHEM 272	Organic Chemistry Laboratory	CHM 2250 and 2260	Org Chem Labs I & II
MATH 122	Precalculus II <b>or</b>		
MATH 126	Precalculus	MTH 1400	Elementary Functions
PHYS 221	Introductory Physics I	PHY 1300/1310	General Physics I/Lab
PHYS 222	Introductory Physics II	PHY 1320/1330	General Physics II/Lab

NOTE: MATH 151 & MATH 152 are strongly recommended for Biology majors:

MATH 151	Calculus I	MTH 1410	Analytic Geom & Calculus I
MATH 152	Calculus II	MTH 1420	Analytic Geom & Calculus II

**Biology Elective Course:**

BIOL 270	Human Genetics	BIO 2700	Genetics
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**Core Curriculum Courses:**

ENGL 122/132	Writing about Lit/Ideas <b>or</b>		
WRIT 122/132	Composition II	ENL 1310	Academic Writing (Obj 1)
SPCH 130	Fund of Public Speaking	CST 1010	Fund of Speech (Obj 1)
CPSC 120 <b>or</b> CITA 110	Intro to Computers	CIS 1000	Intro to Computers (Obj 2)
PHIL 153	Knowledge & Reality	PHL 1000	Intro to Philosophy (Obj 4)
RELG 211-250			Choose 1 Religious Studies course (Obj 4)
PHIL 151, 211-260; RELG 211-250			Choose 1 add'l Phil or Rel Studies (Obj 4)
PHIL 152	Intro to Ethics	PHL 2010	Ethics (Obj 6A)

### Objective 5 Courses (select up to three\*):

HIST 211, 212, 214, 240, 250

Historical Experience courses (Obj 5A)

ENGL 201-203, 260

Literary Experience courses (Obj 5B)

ENGL 240; HUMS 120, 140, 211, 212;  
MUSC 199, 240, 241, 246, 247; THEA 110, 120, 140

Aesthetic Experience courses (Obj 5C)

ANTH 270; ECON 260; FREN 115-202; GEOG 200;  
GRMN 115-202; HUMS 214; JAPN 115-202;  
POLS 260; PSYC 240; SPAN 115-202; SPCH 280

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.

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## HIGHLIGHTS

- For the ninth consecutive year, University of Detroit Mercy is listed in the **top tier of Midwestern Master's Universities** in the 2010 edition of the *U.S. News and World Report's "America's Best Colleges."* UDM was also rated one of the top 15 institutions in the **"Great Schools, Great Prices"** category. 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.