



LANSING COMMUNITY COLLEGE EQUIVALENCY GUIDE
COLLEGE OF ENGINEERING AND SCIENCE
BIOLOGY: PRE-PHYSICIAN ASSISTANT 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.

In order to apply to the Physician Assistant program, undergraduate students from UDM sciences must have at least six months of health care experience, all designated coursework completed (as outlined by the department), and a recommendation from the department chair and/or advisor. See UDM’s Physician Assistant website for more details.

UDM website: www.udmercy.edu

LANSING COMMUNITY COLLEGE COURSES

Major Courses:

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|--------------|-----------------------------------|
| BIOL 127 | Cell Biology |
| BIOL 128 | Organismal Biology |
| BIOL 203/204 | Microbiology and Microbiology Lab |
| BIOL 270 | Human Genetics |
| PFHW 123 | Human Nutrition |
| CHEM 151 | General Chemistry Lecture I |
| CHEM 152 | General Chemistry Lecture II |
| CHEM 161 | General Chemistry Laboratory I |
| CHEM 162 | General Chemistry Laboratory II |
| CHEM 251 | Organic Chemistry Lecture I |
| CHEM 252 | Organic Chemistry Lecture II |
| CHEM 272 | Organic Chemistry Laboratory |
| MATH 122 | Precalculus II or |
| MATH 126 | Precalculus |
| PHYS 221 | Introductory Physics I |
| PHYS 222 | Introductory Physics II |
| PSYC 205 | Human Growth and Development |
| STAT 170 | Intro to Statistics |

UDM EQUIVALENCIES

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|---------------|--------------------------|
| BIO 1200/1210 | General Biology I/Lab |
| BIO 1220/1230 | General Biology II/Lab |
| BIO 4210/4220 | Microbiology/Lab |
| BIO 2700 | Genetics |
| BIO 2040 | Applied Nutrition |
| CHM 1070 | General Chemistry I |
| CHM 1080 | General Chemistry II |
| CHM 1100 | Chemistry Laboratory I |
| CHM 1120 | Chemistry Laboratory II |
| CHM 2270 | Organic Chemistry I |
| CHM 2290 | Organic Chemistry II |
| CHM 2250/2260 | Org Chem Labs I & II |
| MTH 1400 | Elementary Functions |
| PHY 1300/1310 | General Physics I/Lab |
| PHY 1320/1330 | General Physics II/Lab |
| PYC 2500 | Developmental Psychology |
| STA 2250 | Statistics |

NOTE: MATH 151 and MATH 152 are strongly recommended for Biology: Pre-PA majors:

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

Core Curriculum Courses:

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|--------------------------------------|----------------------------------|------------------------------------|-----------------------------|
| ENGL 122/132 | Writing: Lit and Ideas or | ENL 1310 | Academic Writing (Obj 1) |
| WRIT 122/132 | Composition II | CST 1010 | Fund of Speech (Obj 1) |
| SPCH 130 | Fund of Public Speaking | CIS 1000 | Intro to Computers (Obj 2) |
| CPSC 120 or CITA 110 | Intro to Computers | PHL 1000 | Intro to Philosophy (Obj 4) |
| PHIL 153 | Knowledge & Reality | Choose 1 Religious Studies course | (Obj 4) |
| RELG 211-250 | | Choose 1 add’l Phil or Rel Studies | (Obj 4) |
| PHIL 151, 152, 211-260; RELG 211-250 | | ETH 3580 Health Care Ethics | (Obj 6A) |
| HUMS 265 or CHSE 117 | Medical Ethics | | |

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.

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.