



MACOMB 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.

UDM website: www.udmercy.edu

MACOMB COMM COLLEGE COURSES

UDM EQUIVALENCIES

Major Courses:

| | | | |
|-----------|------------------------------|---------------|---------------------------|
| BIOL 1000 | General Biology 1 | BIO 1200/1210 | General Biology I/ Lab |
| BIOL 1010 | General Biology 2 | BIO 1220/1230 | General Biology II/ Lab |
| BIOL 1400 | Fundamentals of Nutrition | BIO 2040 | Applied Nutrition |
| CHEM 1170 | General Chemistry 1 | CHM 1070/1100 | General Chemistry I/ Lab |
| CHEM 1180 | General Chemistry 2 | CHM 1080/1120 | General Chemistry II/ Lab |
| CHEM 2260 | Organic Chemistry 1 | CHM 2270 | Organic Chemistry I |
| CHEM 2270 | Organic Chemistry Laboratory | CHM 2250/2260 | Organic Chem Labs I & II |
| CHEM 2280 | Organic Chemistry 2 | CHM 2290 | Organic Chemistry II |
| MATH 1460 | Precalculus | MTH 1400 | Elementary Functions |
| PHYS 1180 | College Physics 1 | PHY 1300/1310 | General Physics I/ Lab |
| PHYS 1190 | College Physics 2 | PHY 1320/1330 | General Physics II/ Lab |
| PSYC 2450 | Lifespan Development | PYC 2500 | Developmental Psychology |

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

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|-----------|----------------------------------|----------|-----------------------------|
| MATH 1760 | Analytic Geometry and Calculus 1 | MTH 1410 | Analytic Geom & Calculus I |
| MATH 1770 | Analytic Geometry and Calculus 2 | MTH 1420 | Analytic Geom & Calculus II |

Core Curriculum Courses:

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|--|----------------------------------|----------|--|
| ENGL 1190 | Communications 2 or | ENL 1310 | Academic Writing (Obj 1) |
| ENGL 1220 | Composition 2 | CST 1010 | Fund of Speech (Obj 1) |
| SPCH 1060 | Speech Communication | CIS 1000 | Intro to Computers (Obj 2) |
| ITCS 1010 | Computer & Info Processing Princ | PHL 1000 | Intro to Philosophy (Obj 4) |
| PHIL 2010 | Introduction to Philosophy | | Choose 1 Religious Studies course (Obj 4) |
| HUMN 1700, 2000 | | | Choose 1 add'l Phil or Relig Studies (Obj 4) |
| HUMN 1700, 2000; PHIL 2100, 2120, 2200, 2400 | | | |

Objective 5 Courses (select up to three*):

Additional courses not listed may also transfer.

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| HIST 1500, 2100, 2200, 2420, 2520; INTL 2000 | Historical Experience courses (Obj 5A) |
| ENGL 2600, 2610 | Literary Experience courses (Obj 5B) |
| HUMN 1210, 1250, 1300, 1460-1479; THEA 1100, 1150 | Aesthetic Experience courses (Obj 5C) |
| ANTH 1000; ARAB 1260, 1270; CHIN 1260, 1270; FREN 1260-2370; GEOG 2000; GRMN 1260-2370; HUMN 1750; ITAL 1260-2370; POLS 1900, 1950; PSYC 2500; 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 tenth consecutive year, University of Detroit Mercy is listed in the **top tier of Midwestern Master's Universities** in the 2011 edition of the *U.S. News and World Report's "America's Best Colleges."* UDM was once again ranked one of the top 30 schools in its category and the **highest ranking Michigan university** on the list.
- 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.