



**KALAMAZOO VALLEY 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 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).

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](http://www.udmercy.edu)

**KALAMAZOO VALLEY  
 COMMUNITY COLLEGE COURSES**

**Major Courses:**

BIO 101	Cellular Biology
BIO 104	Organismal Biology
BIO 201	Genetics
CHM 120	General Chemistry I
CHM 130	General Chemistry II
CHM 220	Organic Chemistry I
CHM 230	Organic Chemistry II
MATH 150	College Algebra <b>and</b>
MATH 152	Trigonometry <b>or</b>
MATH 156	Precalculus
PHY 111	College Physics I
PHY 112	College Physics II
PSY 160	Human Growth & Development

**UDM EQUIVALENCIES**

BIO 120/121	General Biology I/ Lab
BIO 122/123	General Biology II/ Lab
BIO 270	Genetics
CHM 107/110	General Chemistry I/ Lab
CHM 108/112	General Chemistry II/ Lab
CHM 227/225	Organic Chemistry I/ Lab
CHM 229/226	Organic Chemistry II/ Lab
MTH 140	Elementary Functions
PHY 130/131	General Physics I/Lab
PHY 132/133	General Physics II/Lab
PYC 250	Developmental Psychology

NOTE: MATH 160 and MATH 162 are strongly recommended for Biology: Pre-PA majors:

MATH 160	Calculus 1 and Analytic Geometry	MTH 141	Analytic Geom & Calculus I
MATH 162	Calculus 2 and Analytic Geometry	MTH 142	Analytic Geom & Calculus II

**Core Curriculum Courses:**

COM 101	Public Speaking	CST 101	Fund of Speech (Obj 1)
ENG 111	College Writing II: Literature	ENL 131	Academic Writing (Obj 1)
BUS 103	Business Computer Applications	CIS 100	Intro to Computers (Obj 2)
PHI 201	Introduction / Philosophy	PHL 100	Intro to Philosophy (Obj 4)
HUM 207; PHI 209-211			Choose 1 Religious Studies course (Obj 4)
HUM 207; PHI 100, 203-211			Choose 1 add'l Phil or Relig Studies (Obj 4)

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

HRY 100-103, 207-220, 240	Historical Experience courses (Obj 5A)
ENG 201-207, 215-219; HUM 208	Literary Experience courses (Obj 5B)
ART 101-110, 132, 140, 170, 220, 221; HUM 101, 225; MUS 101, 102	Aesthetic Experience courses (Obj 5C)
COM 223; ENG 230; FRL 101-108, (both FRL 130 and 131), (both FRL 134 and 135), FRL 201-206; HRY 150, 230; HUM 130, 200, 205, 210; PSI 202; SOC 201	Comparative Experience courses (Obj 5D)

\* Choose any combination for a total of two courses from objectives 5A, 5B, and 5C above. Choose one course (minimum of 3 credits) from objective 5D.

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## HIGHLIGHTS

- For the sixth consecutive year, University of Detroit Mercy is listed in the top tier of Midwestern Master's Universities in the 2007 edition of the *U.S. News and World Report's* "America's Best Colleges." UDM is the **top ranking Michigan university** in this category. In the "**Great Schools at Great Prices**" listing, UDM is in the **top 6%** of its category. According to U.S. News, 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.