



GRAND RAPIDS 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.

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

GRAND RAPIDS COMM COLLEGE COURSES

UDM EQUIVALENCIES

Major Courses:

BI 151	Cells, Molecules and Genes	BIO 120/121	General Biology I/Lab
BI 152	Biological Diversity	BIO 122/123	General Biology II/Lab
BI 232	Non-laboratory Genetics	BIO 270	Genetics
CA 250	Nutrition	BIO 204	Applied Nutrition
CM 103 <i>or</i> 113	General Chemistry 1/ Honors Chemistry 1	CHM 107/110	General Chemistry I/ Lab I
CM 104 <i>or</i> 114	General Chemistry 2/ Honors Chemistry 2	CHM 108/112	General Chemistry II/ Lab II
CM 236	Organic Chemistry 1	CHM 227	Organic Chemistry I
CM 237	Organic Chemistry Laboratory 1	CHM 225	Organic Chemistry Lab I
CM 238	Organic Chemistry 2	CHM 229	Organic Chemistry II
CM 239	Organic Chemistry Laboratory 2	CHM 226	Organic Chemistry Lab II
CM 241	Biological Chemistry	CHM 470	Basic Biochemistry
MA 131	Precalculus	MTH 140	Elementary Functions
PH 125	College Physics I	PHY 130/131	General Physics I/Lab
PH 126	College Physics II	PHY 132/133	General Physics II/Lab
PY 232	Developmental Psychology	PYC 250	Developmental Psychology

NOTE: MA 133 and MA 134 are strongly recommended for Biology: Pre-PA majors:

MA 133	Calculus with Analytic Geometry 1	MTH 141	Analytic Geom & Calculus I
MA 134	Calculus with Analytic Geometry 2	MTH 142	Analytic Geom & Calculus II

Core Curriculum Courses:

EN 102	English Composition 2	ENL 131	Academic Writing (Obj 1)
SC 131	Fundamentals of Public Speaking	CST 101	Fund of Speech (Obj 1)
CO 101/156	Intro to Computer Applications/ Excel	CIS 100	Intro to Computers (Obj 2)
HU 281	Exploring World Religions	RS 100	Intro to Religion (Obj 4)
PL 201	Introduction to Philosophy	PHL 100	Intro to Philosophy (Obj 4)
PL 202, 205, 206, 207, 209			Choose 1 add'l Philosophy course (Obj 4)

Objective 5 Courses (select up to three*):

HS 101-295	Historical Experience courses (Obj 5A)
EN 233-242, 252-262, 271-282	Literary Experience courses (Obj 5B)
AT 105-150, 270, 271; HU 204-210, 273, 274; MU 107, 109, 235-237; TH 245, 248	Aesthetic Experience courses (Obj 5C)
AN 201, 210, 280; EN 270; FR 101-232; GE 135, 210; GR 101-232; PS 201, 215, 225; SO 260, 295; SP 101, 102, 231, 232	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 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.