



**GRAND RAPIDS 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 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.

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 |
| 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 |
| 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 |

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

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|--------|-----------------------------------|---------|-----------------------------|
| 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 |

Biology Elective Course:

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|--------|-------------------------|---------|----------|
| BI 232 | Non-laboratory Genetics | BIO 270 | Genetics |
|--------|-------------------------|---------|----------|

Core Curriculum Courses:

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|-----------------------|---------------------------------------|---------|--|
| 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, 206, 207, 209 | | | Choose 1 add'l Philosophy course (Obj 4) |
| PL 205 | Introduction to Ethics | PHL 201 | Ethics (Obj 6A) |

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.