



LOURDES UNIVERSITY EQUIVALENCY GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

ENGINEERING PROGRAMS

The following courses will transfer into University of Detroit Mercy Engineering programs [Architectural, Civil, Electrical/Computer, Mechanical, and Robotics & Mechatronic Systems]. Students may transfer up to 96 credits. Additional courses not on this guide may also transfer. Before transferring, through a special Lourdes-UDM agreement, full time pre-engineering students may take specific UDM classes at no cost. See side 2 and consult with a UDM advisor for additional details.

To arrange a campus visit, contact an Admissions Counselor at 313-993-1245, or admissions@udmercy.edu. UDM website: udmercy.edu

LOURDES UNIVERSITY COURSES

Required Objective 1 courses:

ENG 102 Composition II: Research & Writing

Required Objective 2 and 3 courses:

Satisfied by program requirements

Required Objective 4 courses:

PHL 101 Introduction to Philosophy

THS 101-265, 310-443

PHL 102-451; THS 101-265, 310-443

Required Objective 5 courses:

All engineering disciplines select one OB5D course. Civil, Electrical/Computer, Mechanical, and Robotics & Mechatronic Systems Engineering students also select any two courses total from OB5A, OB5B, and/or OB5C.

HST 121, 122, 230, 240, 250, 260, 301-303, 307-309, 351, 403-404, 407, 409, 411, 413, 416, 419

ENG 200, 211-214, 300-304, 315, 401-405

ART (Art History only) 241-450; COM 201; ENG 410; MUS 112, 314, 414; THR 101

ASL 101, 102; FRN 101-202; GEO 250, 260; HST 103, 104, 230, 240; SPA 202

PHL 103 Intro to Ethics (*if not used for OB4C*)

Math, Science, Engineering Courses:

CHM 181 General College Chemistry I

CHL 181 General College Chemistry Lab I

MTH 135 Analytical Geometry & Calculus I

MTH 136 Analytical Geometry & Calculus II

MTH 235 Calculus III

MTH 215 Linear Algebra **and**

MTH 305 Differential Equations

PHS/PLA 301 College Physics I (Calculus-based)/Lab

PHS/PLA 302 College Physics II (Calculus-based)/Lab

BIO 201, 202, 215 (*or another approved course*)

UDM EQUIVALENCIES

Communication Skills:

ENL 1310 Academic Writing OB1

Math & Computer Skills/Scientific Literacy

Meaning & Value:

PHL 1000 Intro to Philosophy OB4A

Choose 1 Religious Studies course OB4B

Choose 1 add'l Phil or Religious Studies OB4C

Diverse Human Experience:

Historical Experience courses OB5A

Literary Experience courses OB5B

Aesthetic Experience courses OB5C

Choose 1 Comparative Experience course OB5D

PHL 2010 Foundations of Ethics OB6A
(*ENGR 1000 at UDM is recommended*)

CHM 1070 General Chemistry I

CHM 1100 Chemistry Lab I

MTH 1410 Analytic Geom and Calculus I

MTH 1420 Analytic Geom and Calculus II

MTH 2410 Analytic Geom and Calculus III

MTH 3720 Diff Equations w/Linear Algebra

PHY 1600/1610 General Physics I/Lab

PHY 1620/1630 General Physics II/Lab

Science Elective for Arch Engr or Civil Engr only

UDM HIGHLIGHTS

Great Reputation – For the fifteenth consecutive year, University of Detroit Mercy is listed in the top tier of Midwestern Regional Universities in the 2016 edition of the *U.S. News and World Report's* "America's Best Colleges."

UDM is affordable! Over 90% of UDM students receive financial aid and/or scholarships. Combining co-op income and potential scholarships and financial aid, you may have little out-of-pocket expenses. To determine if you qualify for any of UDM's scholarships (including full tuition grants) established for transfer students, contact the Admissions office at 313-993-1245 or admissions@udmercy.edu.

Co-op Leader – For all engineering students at UDM, co-op integrates real engineering practice with a rigorous on-campus education that includes computing and laboratory intensive components. UDM has one of the few four-year engineering programs in the country where all students obtain one full year of experience prior to graduation. Besides valuable experience, students earn an average of over \$25,000 during their three co-op rotations. This provides a significant amount of income for tuition. *UDM's Engineering programs have required co-op for over 100 years!*

Dual Enrollment – To ease the transition between Lourdes and UDM, it is an option to take several classes at UDM while completing courses at Lourdes. If registered as a full time student at Lourdes, pre-engineering students may be eligible to take ENGR 1022, ENGR 1023, ENGR 1050 and/or ENGR 1080 as a guest student at UDM at no cost. Contact the E&S Transfer Director at rimlec@udmercy.edu for more details.

Excellent Faculty – UDM's small classes are taught by experienced professors (not teaching assistants) who help foster a positive learning environment. Engineering faculty conduct research, receive grant money for lab equipment and curriculum development, work in industry, and win national teaching awards.

Campus Activities – To gain professional, technical, and social connections, we highly encourage participation in at least one of the many Engineering and Science organizations or University clubs.

Location - UDM, located in a residential area of Northwest Detroit, is close to numerous corporations including many companies' headquarters. The Metro Detroit area is also home to a wide variety of cultural activities, entertainment, and sports teams. UDM is easily accessible from most major freeways, including I-75. We invite you to visit!

Entrance Requirements

- Minimum 2.5 GPA based on 24 or more credits earned from Lourdes (and/or other institutions).
- If less than 24 credits have been earned, a student's high school transcript is required.
- Course grades must be C (2.0) or higher in order to transfer.
- Apply for admission to UDM at udmercy.edu/apply; the application is free.

If you have questions regarding Lourdes University courses and how they transfer to UDM, contact the Transfer Credit Team at 313-993-1940 or registrar@udmercy.edu.