The following courses will transfer into the University of Detroit Mercy Engineering programs [Architectural, Civil, Electrical/Computer, Mechanical, or Robotics & Mechatronic Systems]. Students may transfer a maximum of 96 credits. Course grades must be C or better. As members of the Detroit Area Catholic Higher Education Consortium, eligible Madonna University students may take up to 12 credits at UDM while paying their home institution’s tuition rates. Consult with the Registrar’s Office at Madonna for more details.

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

**MADONNA UNIVERSITY COURSES**

**Required Objective 1 courses:**
- WRT 1020 College Composition II
- COM 2350 Public Speaking: Theory & Practice

**UDM EQUIVALENCIES**

**Communication Skills:**
- ENL 1310 Academic Writing
- CST 1010 Fundamentals of Speech

**Required Objective 2 and 3 courses:**
*Satisfied by program requirements*

**Required Objective 4 courses:**
- PHL 1010 Introduction to Philosophy
- Any RST course(s) (total of 3 credits minimum)
- PHL 1050-4240 or RST course (total of 3 credits minimum)

**Meaning & Value:**
- PHL 1000 Introduction to Philosophy
- Religious Studies Course(s) - 3 credits
- Choose 1 add'l Phil/Religious Studies course

**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.*

- HIS 1010, 1080, 2310, 2450, 3300, 3330, 3810, 4530
- HIS/PSC 4631, 4632, 4633, 4634
- ENG 4230, 4540
- AHIS 2020-4750 (3 cr min); COM 3410; ENG 3540; MUS 2020, 3330, 3340; PHL 3210
- CHN 1010, 1020, 1100; ENG 4550; GEO 3010; CHN 1010, 1020, 1100; ENG 4550; GEO 3010; HIS/PSC 4631; JPN 1010; PSC 3210, 4631; SLS 1000, 1010, 1020, 2010, 2310; SPA 1010, 1020, 1110, 2230, 2240

**Diverse Human Experience:**
- Historical Experience courses
- Literary Experience courses
- Aesthetic Experience courses
- Choose 1 Comparative Experience course

**Math and Science Courses**

**All Engineering disciplines:**
- CHM 1110 General Chemistry I
- MTH 2510 Calculus with Analytic Geometry I
- MTH 2520 Calculus with Analytic Geometry II
- MTH 3510 Calculus with Analytic Geometry III
- MTH 4530 Differential Equations
- PHY 2630 Physics for Scientists & Engineers I
- PHY 2640 Physics for Scientists & Engineers II
- CHM 1070/1100 General Chemistry I/ Lab
- MTH 1410 Analytic Geom & Calculus I
- MTH 1420 Analytic Geom & Calculus II
- MTH 2410 Analytic Geom & Calculus III
- MTH 3720 Differential Equations/Lin Algebra
- PHY 1600/1610 General Physics I/Lab
- PHY 1620/1630 General Physics II/Lab

Based on the 2014-2016 Madonna University Catalog

12/17/2015
MADONNA UNIVERSITY COURSES

**Additional courses for Architectural Engineering:**

BIO 1010, 1030, 1040; CHM 1120; MTH 3410  
(or another approved science or math course)

**UDM EQUIVALENCIES**

Choose 1 approved Science or Math Course

**Additional courses for Civil Engineering:**

BIO 1010, 1030, 1040 (or another approved biology course)

CSC 2080 Computer Science I  
CSC 2480 Computer Science II  
WRT 2440 Technical Writing

**UDM EQUIVALENCIES**

Choose 1 approved Biology Course

CSSE 1712 Introduction to Programming I  
ENL 3030 Technical Writing

**Additional courses for Electrical/Computer Engineering:**

CSC 2080 Computer Science I  
CSC 2480 Computer Science II  
WRT 2440 Technical Writing

**UDM EQUIVALENCIES**

CSSE 1712 Introduction to Programming I  
CSSE 1722 Introduction to Programming II  
ENL 3030 Technical Writing

**Additional courses for Mechanical Engineering:**

CSC 2080 Computer Science I  
WRT 2440 Technical Writing

**UDM EQUIVALENCIES**

CSSE 1712 Introduction to Programming I  
ENL 3030 Technical Writing

**Additional courses for Robotics and Mechatronic Systems Engineering:**

CSC 2080 Computer Science I  
CSC 2480 Computer Science II  
WRT 2440 Technical Writing

**UDM EQUIVALENCIES**

CSSE 1712 Introduction to Programming I  
CSSE 1722 Introduction to Programming II  
ENL 3030 Technical Writing

Entrance Requirements

- Minimum 2.5 GPA based on 24 or more credits earned at Madonna (and/or other accredited institutions).
- If less than 24 credits have been earned, a student’s high school transcript is required.
- Apply for admission to UDM at udmercy.edu/apply; the application is free.

If you have any questions regarding Madonna University courses and how they transfer to UDM, contact the Transfer Credit Team at 313-993-1940 or registrar@udmercy.edu (type Transfer Credit Team on the subject line).

Great Reputation - For the fifteenth consecutive year, UDM is listed in the top tier of Midwest Best Regional Universities in the 2016 edition of the U.S. News and World Report’s "Best Colleges." UDM engineering graduates are highly sought out by industry and graduate programs. We are proud of our 100+ years of educating engineers!

UDM is affordable! - Approximately 90% of UDM students receive financial aid and/or scholarships. 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 over 100 years, UDM has been preparing excellent engineers through the required co-op program. 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.

Dual Enrollment – To ease the transition between Madonna and UDM, it is an option to take several classes at UDM while completing courses at Madonna. For up to 12 credits this may be done under the Detroit Area Catholic Higher Education Consortium (eligible students pay Madonna tuition while taking UDM classes).