

# HENRY FORD COLLEGE TRANSFER GUIDE

## COLLEGE OF ENGINEERING AND SCIENCE

### PRE-DENTAL AND PRE-MEDICAL PROGRAMS – NEW CORE

This guide reflects the New Core Curriculum effective Fall 2017. Transfer students starting at Detroit Mercy between Fall 2017 and Summer 2021 will have the option to select this New Core or the Old Core. See Transfer Guides indicating “OLD CORE” for prior Core requirements.

The following courses will transfer into Detroit Mercy to satisfy many of the course requirements for application to dental or medical schools. Although students may choose any major when preparing for dental or medical school, many students choose biology, chemistry, or biochemistry due to the coursework required. The courses below will also meet many of the requirements for those majors.

**Students should review the requirements of their prospective dental or medical schools for a more complete list of requirements.** Note: many dental and medical school admission committees prefer science courses be taken at a 4-year institution.

Students may transfer a maximum of 63 credits towards a Bachelor’s Degree; course grades must be a C or better. If admitted under the HFC-Detroit Mercy Sciences Articulation Agreement, students may transfer up to 67-73 total credits depending upon the selected major. Additional courses not on this guide may also transfer. **Students are encouraged to also obtain a Transfer Guide for their chosen major.** Detroit Mercy Admissions: admissions@udmercy.edu or 313-993-1245. Website: udmercy.edu

Henry Ford College Courses	Detroit Mercy Equivalencies	
<b>Core Knowledge Area A: Communication Skills</b>		
SPC 131 Fundamentals of Speech	CST 1010 Fundamentals of Speech	A1
ENG 132 College Writing and Research	ENL 1310 Academic Writing	A2
<b>Core Knowledge Area B: Mathematics/Statistical Knowledge</b>		
Satisfied by program requirement	Quant/Symbolic Reasoning course	B1
MATH 141 Introduction to Statistics	STA 2250 Statistics	B2
<b>Core Knowledge Area C: Scientific Knowledge</b>		
May be satisfied by program requirement	Physical Sciences course	C1
May be satisfied by program requirement	Social Sciences course	C2
<b>Core Knowledge Area D: Religious and Philosophical Knowledge</b>		
PHIL 130 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
WR 130, 131, 232-236, 239, 240, 280	Choose 1 Religious Knowledge course	D2
PHIL 131, 133, 135, 137, 201; WR 130, 131, 232-242, 280	Choose 1 PHL/RELS Elective course	D3
<b>Core Knowledge Area E: Essential Humanities</b>		
HIST 111, 112, 113, 151, 152, 239, 243, 261, 283, 285, 286	Choose 1 Historical Experiences course	E1
ENG 231, 232, 233, 235, 237, 239, 241, 248; HON 251	Choose 1 Literary Experiences course	E2
ART 121, 122, 123, 130, 135, 221, 224-227, 290, 2901, 2902; HUM 101; INTR 280; MUS 130, 132, 133, 232, 233; TCM 132, 235; THEA 131, 132, 238	Choose 1 Aesthetic Experiences course	E3
<b>Core Knowledge Area F: Ethics and Social Responsibility</b>		
PHIL 138 or 139	Choose 1 Ethics course	F1
<b>Core Integrating Theme 2: Critical Thinking</b>		
BLW 253; HIST 152; PHIL 131; PHYS 231, 232; WR 237	Choose 1 Critical Thinking course	IT2
<b>Core Integrating Theme 3: Cultural Diversity</b>		
ANTH 131, 151, 152; ARA 130, 131, 132, 141, 231, 232, 290; ASL 130, 131, 132; CHN 130, 131, 132; ENG 243; FRE 131, 132, 231, 232; GEOG 132, 221; GER 131, 132, 231, 232; HIST 113, 243, 252; ITAL 131, 132; PSY 161, 257; SOC 251; SPN 131, 132, 141, 231, 232, 290; WR 232, 233, 237	Choose 1 Cultural Diversity course	IT3
<b>Core Integrating Theme 4: Human Difference</b>		
ENG 248; GEOG 132, 221; HIST 243; PSY 161, 251, 253	Choose 1 Human Difference course	IT4

### Additional Core Integrating Themes

In some cases, these may be fulfilled by program requirements or other Knowledge Area courses. See a Detroit Mercy advisor for a defined list of approved courses and more information.	Additional Integrating Themes IT1, IT5, IT6
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#### These courses fulfill requirements for Detroit Mercy's Pre-Dental/Pre-Medical programs:

Henry Ford College Courses	Detroit Mercy Equivalencies
<b>Biology and Chemistry</b> - <i>students may be encouraged to re-take at Detroit Mercy (4-year institution) for pre-dental/pre-medical</i>	
BIO 150 Biology: Organisms, Genes, and Ecology	BIO 1200/1210 General Biology I/Lab
BIO 152 Cells and Molecular Biology	BIO 1220/1230 General Biology II/Lab
CHEM 141 Principles of General & Inorganic Chemistry I	CHM 1070/1100 General Chemistry I/Lab
CHEM 142 Principles of General & Inorganic Chemistry II	CHM 1080/1120 General Chemistry II/Lab
CHEM 241 Organic Chemistry I	CHM 2270 Organic Chemistry I
CHEM 242 Organic Chemistry II	CHM 2290 Organic Chemistry II
CHEM 243 Microscale Organic Chemistry Laboratory I	CHM 2250/2260 Organic Chemistry Labs I & II
<b>Mathematics</b> – <i>MTH 1400 at Detroit Mercy is the minimum requirement for Biology majors; however all students are encouraged to take Calculus.</i>	
MATH 175 or (MATH 112 & MATH 115)	MTH 1400 Elementary Functions
MATH 180 Calculus I	MTH 1410 Analytic Geom & Calculus I
MATH 183 Calculus II	MTH 1420 Analytic Geom & Calculus II
MATH 280 Calculus III	MTH 2410 Analytic Geom & Calculus III
<b>Physics</b> - <i>students may be encouraged to re-take at Detroit Mercy (4-year institution) for pre-dental/pre-medical</i>	
<b>B.S. Biology, B.A. Chemistry, B.S. Biochemistry:</b>	
PHYS 131 General Physics I	PHY 1300/1310 General Physics I/Lab
PHYS 132 General Physics II	PHY 1320/1330 General Physics II/Lab
<b>B.S. Chemistry:</b>	
PHYS 231 Engineering Physics I	PHY 1600/1610 General Physics I/Lab
PHYS 232 Engineering Physics II	PHY 1620/1630 General Physics II/Lab
<b>Strongly Recommended</b>	
PSY 131 Introductory Psychology	PYC 1000 Introduction to Psychology
SOC 131 Introduction to Sociology	SOC 1000 Introduction to Sociology

#### MTA Students only:

Transfer students who satisfy the **Michigan Transfer Agreement** (MTA) will have the Core Knowledge Area requirements met (listed on page 1 of this guide). Fulfilling the Core Integrating Themes is still necessary.

Students should select courses that meet both the MTA and program specific requirements.

#### ENTRANCE REQUIREMENTS

- Minimum 2.50 GPA based on 24 or more credits earned at HFC (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 Detroit Mercy at [udmercy.edu/apply](http://udmercy.edu/apply); the application is free.

If you have any questions regarding HFC courses and how they transfer to Detroit Mercy, contact the Transfer Team at 313-993-1940 or [transferteam@udmercy.edu](mailto:transferteam@udmercy.edu).