

HENRY FORD COLLEGE TRANSFER GUIDE

COLLEGE OF ENGINEERING AND SCIENCE

CHEMISTRY AND BIOCHEMISTRY PROGRAMS – NEW CORE

This guide reflects the New Core Curriculum effective Fall 2017. Transfer students matriculating to 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’s Chemistry and Biochemistry programs. Students may transfer a maximum of 63 credits toward a Bachelor’s Degree. If admitted under the HFC-Detroit Mercy Science Articulation Agreement, students may transfer the following: B.S. Chemistry - up to 86 credits; B.A. Chemistry - up to 79 credits; B.S. Biochemistry - up to 83 credits. Course grades must be a C or better. Additional courses not on this guide may also transfer. Contact the Transfer Team if you have any questions: transferteam@udmercy.edu or 313-993-1940.

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; the application is free.

Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Henry Ford College Courses			Detroit Mercy Equivalencies			Core Areas
SPC	131	Fundamentals of Speech	CST	1010	Fundamentals of Speech	A1
ENG	132	College Writing and Research	ENL	1310	Academic Writing	A2
Satisfied by program requirement			Quant/Symbolic Reasoning course			B1
Satisfied by program requirement; no HFC equivalent			CHM	3870	Quantitative Analysis	B2
Satisfied by program requirement			Physical Sciences course			C1
BEC	133, 151, 152;	GEOG *132, *221; PLGL 226; POLS 101, 131, 135, 152, 155, 200, 201; PSY 131, 152, *161, *251, *253, 254, *257; SOC 131, 132, 151, 152, 253, 254; SSC 131	Choose 1 Social Sciences course			C2
PHIL	130	Introduction to Philosophy	PHL	1000	Introduction to Philosophy	D1
WR 130, 131, 232-236, 239, 240, 280; HON 251			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
HIST 111, 112, *113, 151, *152, 239, *243, 261, 283, 285, 286			Choose 1 Historical Experiences course			E1
ENG 231, 232, 233, 235, 237, 241, *248			Choose 1 Literary Experiences course			E2
ART 121, 122, 123, 130, 135, 221, 224-227, 290, 2901, 2902; ENG 139; HUM 101; INTR 280; MUS 130, 132, 133, 232, 233; TCM 132, 235; THEA 131, 132, 238			Choose 1 Aesthetic Experiences course			E3
PHIL 138 OR 139			Choose 1 Ethics Course			F1

*Highlighted courses within the Knowledge Areas also fulfill an Integrating Theme (IT) requirement; see IT options.

MTA Students only:

Transfer students who satisfy the **Michigan Transfer Agreement** (MTA) will have the Core Knowledge Area requirements met. Fulfilling the Core Integrating Themes is still necessary. Students should select courses that meet both the MTA and program specific requirements.

Courses which fulfill Detroit Mercy Core Curriculum Integrating Theme Requirements

Henry Ford College Courses	Detroit Mercy Equivalencies	Core Areas
Must be taken at Detroit Mercy	CHM 2300 Organic Chem Lab II	IT1
BLW 253; HIST 152; PHIL 131; PHYS 231, 232; WR 237 For BS CHM, PHYS 231 fulfills a program requirement	Choose 1 Critical Thinking course	IT2
ANTH 131, 151, 152; ARA 130, 131, 132, 141, 231, 232, 290; ASL 130, 131, 132, 231, 232; 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 257; SOC 251; SPN 131, 132, 141, 231, 232, 290; WR 232, 233, 237	Choose 1 Cultural Diversity course	IT3
ENG 248; GEOG 132, 221; HIST 243; PSY 161, 251, 253	Choose 1 Human Difference course	IT4
Must be taken at Detroit Mercy	Detroit Mercy has many options; Some will fulfill both IT5 and IT6	IT5 and IT6

These courses fulfill requirements for Detroit Mercy's Chemistry and/or Biochemistry programs:

All Chemistry and Biochemistry programs:

Henry Ford College Courses	Detroit Mercy Equivalencies
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
MATH 180 Calculus I	MTH 1410 Analytic Geometry & Calculus I
MATH 183 Calculus II	MTH 1420 Analytic Geometry & Calculus II

B.S. with Biochemistry major

Henry Ford College Courses	Detroit Mercy Equivalencies
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
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.S. with Chemistry major

Henry Ford College Courses	Detroit Mercy Equivalencies
MATH 280 Calculus III	MTH 2410 Analytic Geometry & Calculus III
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.A. with Chemistry major

Henry Ford College Courses	Detroit Mercy Equivalencies
PHYS 131 General Physics	PHY 1300/1310 General Physics I/Lab
PHYS 132 General Physics II	PHY 1320/1330 General Physics II/Lab