



# HENRY FORD COLLEGE TRANSFER GUIDE

## COLLEGE OF ENGINEERING AND SCIENCE

### CHEMISTRY AND BIOCHEMISTRY PROGRAMS

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 78 credits; B.A. Chemistry - up to 76 credits; B.S. Biochemistry - up to 86 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](mailto:transferteam@udmercy.edu) or 313-993-1940.

#### Courses which fulfill Detroit Mercy Core Curriculum Knowledge Area Requirements

Henry Ford College Courses	Detroit Mercy Equivalencies	Core
<b>SPC</b> 131 Intro to Public Speaking	CST 1010 Fundamentals of Speech	A1
<b>ENG</b> 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
<b>BEC</b> 133, 151, 152; <b>GEOG</b> *132, *221; <b>LGL</b> 226; <b>POLS</b> 101, 131, 135, 152, 155, 200, 201; <b>PSY</b> 131, 152, *251, *253, 254, *257; <b>SOC</b> 131, 132, *151, 152, 253, 254	Choose 1 Social Sciences course	C2
<b>PHIL</b> 130 Introduction to Philosophy	PHL 1000 Introduction to Philosophy	D1
<b>WR</b> 130, 131, *232, *233, 235, 236, 240, 280	Choose 1 Religious Knowledge course	D2
<b>PHIL</b> 133, 135, 137, 201; <b>WR</b> 130, 131, *232, *233, 235, 236, 240, 241, 280	Choose 1 PHL/RELS Elective course	D3
<b>HIST</b> 111, 112, *113, 151, *152, 239, *243, 261, 283, 285, 286	Choose 1 Historical Experiences course	E1
<b>ENG</b> 231, 232, 233, 235, 237, 241, *248	Choose 1 Literary Experiences course	E2
<b>ART</b> 121, 122, 123, 130, 135, 221, 224-228; <b>HUM</b> 101; <b>MUS</b> 130, 132, 133, 232, 233; <b>TCM</b> 132, 235; <b>THEA</b> 131, 132, 238	Choose 1 Aesthetic Experiences course	E3
<b>PHIL</b> 138, 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
Must be taken at Detroit Mercy	CHM 2300 Organic Chem Lab II	IT1
<b>BLW 253; HIST *152; PHIL 131; PHYS *231</b> For BS CHM, PHYS 231 fulfills a program requirement	Choose 1 Critical Thinking course	IT2
<b>ANTH 131, 151, 152; ARA 130, 131, 132, 231, 232; ASL 130, 131, 132; ENG 243; FRE 131, 132, 231, 232; GEOG *132, *221; GER 131, 132, 231, 232; HIST *113; ITAL 131, 132; PSY *257; SOC 251; SPN 131, 132, 141, 231, 232, 290; WR *232, *233</b>	Choose 1 Cultural Diversity course	IT3
<b>ENG *248; GEOG *132, *221; PSY 251, 253</b>	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 Gen & Inorganic Chemistry I	CHM 1070/1100 General Chemistry I/Lab
CHEM 142 Principles of Gen & 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 Geom & Calc I
MATH 183 Calculus II	MTH 1420 Analytic Geom & Calc II

#### B.S. with Biochemistry major

Henry Ford College Courses	Detroit Mercy Equivalencies
BIO 152 Cells and Molecular Biology	BIO 1200/1210 General Biology I/Lab
BIO 150 Biology: Organisms, Genes, and Ecology	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
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