MARYGROVE COLLEGE TRANSFER GUIDE

BACHELOR OF SCIENCE, MATHEMATICS MAJOR

HENRY FORD COMMUNITY COLLEGE

HENRY FORD COMMUNITY COLLEGE COURSES		CR HRS		MARYGROVE COLLEGE EQUIVALENT COURSES	
BASIC EDUCATIONAL PROFICIENCY REQUIREMENTS					
				LS 105*	Strategies for College Learning
ENG 131	Introduction to College Writing	3		ENG 107*	Introduction to Writing
ENG 132	College Writing & Research	3		ENG 108	Academic Writing
MATH 110	Intermediate Algebra	4		MTH 100	Algebra
*If required by placement testing; all other courses must be taken					
GENERAL EDUCATION REQUIREMENTS †					
HISTORICAL AND CULTURAL TRADITIONS - Select one course					
Explores the heritage of diverse peoples and the impact of change over time					
ART 135	Art Appreciation	3		AH 101	Looking at Art
ENG 248	African American Literature	3		ENG 222	Intro to African American Literature
HIST 151	American History I	3		HIS 252	United States to 1877
HIST 152	American History II	3		HIS 253	United States Since 1877
HUM 101	Introduction to the Humanities	3		HUM 150	Contemporary Cultural Studies
MUS 130	Music Appreciation	3		MUS 105	Encounters with Music
LITERATURE AND LANGUAGES - Select one course					
Emphasizes the power and use of words					
ENG 231	Intro Literature: Poetry/Drama	3		ENG 160	Introduction to Literature
FRE 131	Elementary French I	4		FRE 150	Elementary French I
SPN 131	Elementary Spanish I	4		SPA 150	Elementary Spanish I
SCIENTIFIC INQUIRY - Select one course					
Introduces modern concepts of investigating the natural world					
BIO 150	Biology: Organisms/Genes/Ecology	4		BIO 139	Principles of Biology
BIO 138/139	Environmental Science w/Lab	5		BIO 201	Ecology & the Environment
BIO 233	Anatomy & Physiology I	4		BIO 257	Human Anatomy & Physiology
CHEM 131	Principles of Chemistry	4		CHM 130	Chemical Science
PHYS 133	Principles of Physics	4		PHY 135	Conceptual Physics

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SOCIAL ENVIRONMENT - Select one course					
Examines the dynamics of human communities and societies					
BEC 151	Principles of Macro Economics	3		ECN 200	Intro Macroeconomics
BEC 133	Basic Economics	3		ECN 202	Economic Dimensions
PSY 131	Introductory Psychology	3		PSY 205	Intro Psychology
SOC 131	Introduction to Sociology	3		SOC 201	Sociological Perspectives
SOC 151	Contemporary Social Problems	3		SOC 202	Social Problems
POL 131	Intro to American Gov & Pol Sci	3		POL 149	American Political Systems
RELIGIOUS AND PHILOSOPHICAL TRADITIONS - Select one course					
Explores systems of belief and the pursuit of wisdom					
PHIL 139	Ethics	3		PHL 225	Ethics
CREATIVE EXPRESSION - Select one or more courses for a total of 3 credit hours					
Examines the creative process in the context of studio or workshop experience.					
ART 102	Drawing I	3		ART 115	Drawing Skills and Concepts
ART 141	Ceramics I	3		ART 187	Ceramic Experiences-Non-major
DNC 141	Beginning Ballet	2		DAN 150A	Elementary Ballet I
DNC 151	Beginning Modern Dance	2		DAN 170A	Elementary Modern I
MUS 117	Class Piano I	2		MUS 100A	Class Piano I
MUS 138	Music Theory I	3		MUS 101	Fundamentals of Music I
MUS 123	Voice Techniques I	2		MUS 106A	Voice Class I
DNC 161	Beginning Jazz Dance	2		DAN 180	Elementary Jazz
GLOBAL PERSPECTIVES - Select one course					
Investigates the world beyond our borders					
ART 121	Art History Survey I	3		AH 200	Wonder of World Art: Ancient-Gothic
GEOG 131	Principles of Physical Geography	4		GEO 199	World Geography: Region & Concepts
HIST 111	Ancient World History	3		HIS 255	World History I
HIST 112	Early Modern World History	3		HIS 256	World History II
WR 131	Comparative Religion	3		RS 150	Religion in the World
COMMON EXPERIENCE REQUIREMENTS					
N/A	No Equivalent Course	-		IS 100**	Liberal Arts Seminar
N/A	No Equivalent Course	-		ENG 312	Adv Written and Oral Comm
N/A	No Equivalent Course	-		IS 320-326***	Interdisciplinary Studies Area
**Students who transfer in 32 credit hours or more will be exempt from taking this course					
***Courses from this area are at the 300 level and must be taken at Marygrove College					

PROFESSIONAL CORE CURRICULUM					
MATH 175	Pre-Calculus	3		MTH 110	Elementary Functions
MATH 180	Calculus I	5		MTH 251	Calculus I
MATH 183	Calculus II	5		MTH 252	Calculus II
MATH 280	Calculus III	5		MTH 254	Calculus III
MATH 275	Discrete Mathematics	4		MTH 265	Discrete Mathematics
MATH 283	Linear Algebra	3		MTH 353	Linear Algebra
MATH 289	Differential Equations	4		MTH 371	Differential Equations
N/A	No Equivalent Course	-		MTH 300	College Geometry
N/A	No Equivalent Course	-		MTH 325	Probability and Statistics
N/A	No Equivalent Course	-		MTH 496A	Senior Seminar: Library Research
N/A	No Equivalent Course	-		MTH 496B	Senior Seminar: Conclusion
Additional courses in mathematics and/or science are required to attain the minimum 48 credits for the					
Bachelor of Science. Other courses will also need to be taken at Marygrove or transferred in to reach the minimum					
128 credit hour requirement for graduation,					
† There may be other courses that can fulfill a particular area; please reference the Henry Ford Community					
College/Marygrove Transfer Equivalency table which can be found on Marygrove's website					
(http://www.marygrove.edu/transfer) or the Michigan Transfer Network website					
(http://www.macrao.org/mcm.asp?Floor=3) for additional eligible courses.					
Only those course with a minimum grade of "C-" (2.0) are eligible for transfer. The information contained					
herewith is subject to change without notice.					