

MARYGROVE COLLEGE TRANSFER GUIDE

BACHELOR OF SCIENCE, MATHEMATICS MAJOR

OAKLAND COMMUNITY COLLEGE

OAKLAND COMMUNITY COLLEGE COURSES		CR HRS	MARYGROVE COLLEGE EQUIVALENT COURSES	
BASIC EDUCATIONAL PROFICIENCY REQUIREMENTS				
ENG 1510	Composition I	3	LS 105*	Strategies for College Learning
ENG 1520	Composition II	3	ENG 107*	Introduction to Writing
MAT 1100	Elementary Algebra	4	MTH 100	Algebra
<p>*If required by placement testing; all other courses must be taken</p>				
GENERAL EDUCATION REQUIREMENTS †				
HISTORICAL AND CULTURAL TRADITIONS - Select one course				
<i>Explores the heritage of diverse peoples and the impact of change over time</i>				
ART 1560	Art Appreciation	3	AH 101	Looking at Art
HIS 2510	U.S. History to 1877	3	HIS 252	United States to 1877
HIS 2520	U.S. History from 1877 to Present	3	HIS 253	United States Since 1877
HUM 1520	Arts & Lit Renaissance-Modern	3	HUM 150	Contemporary Cultural Studies
MUS 1560	Understanding Music	3	MUS 105	Encounters with Music
LITERATURE AND LANGUAGES - Select one course				
<i>Emphasizes the power and use of words</i>				
ENG 1720	Intro Literature: Poetry & Drama	3	ENG 160	Introduction to Literature
FRE 1510	Beginning French I	4	FRE 150	Elementary French I
SPA 1510	Beginning Spanish I	4	SPA 150	Elementary Spanish I
SCIENTIFIC INQUIRY - Select one course				
<i>Introduces modern concepts of investigating the natural world</i>				
BIO 1511	Life Science	4	BIO 139	Principles of Biology
BIO 1500	Environmental Science	4	BIO 201	Ecology & the Environment
BIO 2630	Human Anatomy & Physiology I	4	BIO 257	Human Anatomy & Physiology
CHE 1000	Introductory Chemistry	4	CHM 130	Chemical Science
SOCIAL ENVIRONMENT - Select one course				
<i>Examines the dynamics of human communities and societies</i>				
ECO 2610	Economics I	3	ECN 200	Introduction to Macroeconomics

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PSY 2510	Introduction to Psychology	3	PSY 205	Introductory Psychology
SOC 2510	Sociology	3	SOC 201	Sociological Perspectives
SOC 2520	Analysis of Social Problems	3	SOC 202	Social Problems
POL 1510	American Government	3	POL 149	American Political Systems

RELIGIOUS AND PHILOSOPHICAL TRADITIONS - Select one course

Explores systems of belief and the pursuit of wisdom

PHI 1510	Introduction to Philosophy	3	PHL 126	Person and Values
PHL 1610	Ethics	3	PHL 225	Ethics
PHI 1710	Introduction to Logic	3	PHL 276	Critical Thinking

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 1510	Basic Drawing	3	ART 115	Drawing: Skills and Concepts
ART 1540	Ceramics	3	ART 187	Ceramic Experiences-Non-major
PER 1654	Dance - Ballet	1	DAN 150A	Elementary Ballet I
THE 1571	Acting I	3	DAN 161	Introduction to Acting
PER 1653	Dance -Modern	1	DAN 170A	Elementary Modern I
MUS 1510	Piano I	2	MUS 100A	Class Piano I
MUS 1610	Fundamentals of Music	2	MUS 101	Fundamentals of Music I
MUS 1810	Voice I	2	MUS 106A	Voice Class I
PER 1657	Jazz Dance I	1	DAN 180	Elementary Jazz

GLOBAL PERSPECTIVES - Select one course

Investigates the world beyond our borders

GEO 1520	World Geography	3	GEO 199	World Geography: Region & Concepts
HIS 1510	World Civilization-Beg of Modern Era	4	HIS 255	World History I
HIS 1520	World Civilization frm Modern Era	4	HIS 256	World History II
PHI 1520	History of Modern Philosophy	3	PHL 156	World Philosophical Traditions
HUM 1710	World Religions	3	RS 150	Religion in the World
HUM 1510	Arts & Lit: Orgins of West Trad	3	HUM 257	Humanities of the Ancient World
HUM 1520	Major Traditions of Western Art	3	HUM 258	Humanities of the Modern World

COMMON EXPERIENCE REQUIREMENTS

N/A	(http://www.marygrove.edu/transfer)	-	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

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PROFESSIONAL CORE CURRICULUM

MAT 1560	Trigonometry	3	MTH 110	Elementary Functions
MAT 1600	Calculus I	4	MTH 251	Calculus I
MAT 1740	Calculus II	4	MTH 252	Calculus II
MAT 2740	Calculus III	4	MTH 254	Calculus III
MAT 1580	Statistics	4	MTH 325	Probability and Statistics
MAT 2880	Linear Algebra	4	MTH 353	Linear Algebra
MAT 2810	Differential Equations	4	MTH 371	Differential Equations
N/A	No Equivalent Course	-	MTH 265	Discrete Mathematics
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 Oakland 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.