

**Transfer Guide
between
Schoolcraft College
and
Madonna University
Biology**

MTA Requirements						
Schoolcraft College			Madonna University			
<i>English Composition – 2 courses(CC 1-A)</i>						
ENG 101	English Composition 1	3	WRT 1010	College Composition 1	3	
ENG 102	English Composition 2	3	WRT 1020	College Composition 2	3	
<i>Mathematics – 1 course(CC-5)</i>						
MAT 119	Trigonometry	3	MTH 1060	Trigonometry	3	
MAT 122	Elementary Stats-Required in Major	4	MTH 2350	Probability and Statistics	4	
MAT 126	College Algebra	4		Core Curriculum Credit	4	
MAT 129	Precalculus	5	MTH 1210	Precalculus	5	
MAT 150	Calc with Analytic Geometry 1	5	MTH 2510	Calc with Analytic Geometry 1	5	
MAT 151	Calc with Analytic Geometry 2	5	MTH 2520	Calc with Analytic Geometry 2	4	
MAT 230	Linear Algebra	4	MTH 3410	Linear Algebra	3	
<i>Social Science – 2 courses from different disciplines</i>						
HIS 138	Contemporary World	3	HIS 1010	World Problems(CC-3)	3	
POL 105	Survey American Government	3	PSC 1510	American Government(CC-3)	3	
PSY 201	Intro Psychology	4	PSY 1010	General Psychology(CC-4)	3	
SOC 201	Principles of Sociology	3	SOC 1020	Intro to Sociology(CC-4)	3	
SOC 205	Social Problems	3	SOC 2020	Social Problems(CC-4)	3	
ANT 211	Myth/Magic/World Religion**	3		Core Curriculum Credit(SC-8B)	3	
ANT 201	Cultural Anthropology**	3		Core Curriculum Credit(SC-9)	3	
ANT 214	Native American Traditions**	3		Core Curriculum Credit(SC-9)	3	
SOC 210	Cultural Diversity**	3	SOC 3120	Diversity/Discrimination(SC-9)	3	
<i>Humanities and Fine Arts – 2 courses from different disciplines</i>						
COM 200	Interpersonal Communication	3	COM 2120	Interpersonal Comm(CC-1B)	3	
COM 103	Fundamentals of Speech	3	COM 2350	Public Speaking(CC-1B)	3	
ART 201	Art Appreciation	3	AHIS 2020	Monuments/Media/Cult(CC-2)	3	
HUM 150	World Masterpieces	3	AHIS 2020	Monuments/Media/Cult(CC-2)	3	
HUM 210	The Art of Being Human	3	HUM 2040	Expressive Thinking(CC-2)	3	
ENG 275	World Literature	3	ENG 2230	World Literature(CC-2)	3	
MUS 105	Music Appreciation	3	MUS 2020	Music Through the Ages(CC-2)	3	
PHI 243	Intro to Philosophy	3	PHL 1010	Intro to Philosophy(CC-3)	3	
<i>Natural Sciences – 2 courses from different disciplines, 1 course must have a lab</i>						
BIO 100	Biology	4	BIO 1010	Intro Biology(CC-6A)	4	
BIO 101	General Biology	4	BIO 1010	Intro Biology(CC-6A)	4	
BIO 105	Basic Human A&P	4	BIO 2250	Basic Human Physlgy(CC-6A)	3	
BIO 237	Principles of Human A&P 1	4	BIO 2450	Human A&P 1(CC-6A)	4	
BIO 238	Principles of Human A&P 2	4	BIO 2460	Human A&P 2(CC-6A)	4	
PHY 104	Intro Astronomy	4	ESS 3290	Principles of Astronomy(CC-6B)	4	
Minimum 30 credits						
<i>See Biology Requirements below for more Natural Science options that fulfill MTA</i>						
Biology Requirements at Schoolcraft College						
PHY 181	General Physics 1	OR	4	PHY 2530	General Physics 1	4
PHYS 211	Physics 1/Science and Engineers		4	PHY 2630	Physics/Science & Engineers	4
PHYS 182	General Physics 2	OR	4	PHY 2540	General Physics 2	4
PHYS 212	Physics 2/Science and Engineers		4	PHY 2640	Physics/Science & Engineers	4

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BIOL 102	General Biology 2	4	BIO 1040	General Biology 2	4
BIOL 120	Principles of Biology 1	5	BIO 1030	General Biology	4
BIOL 130	Principles of Biology 2	5	BIO 1040	General Biology 2	4
BIOL 243	Microbiology	4	BIOL 2260	General Microbiology	4
CHM 104	Fundamentals of Chemistry OR	4	CHM 1110	General Chemistry 1	4
CHEM 111	General Chemistry 1	4	CHM 1110	General Chemistry 1	4
CHEM 117	General Chem/Qual Analysis 2	5	CHM 1120	General Chemistry 2	4
CHEM 213	Organic Chemistry 1	5	CHM 2210	Organic Chemistry 1	4
Credits From Schoolcraft College		40	Madonna University Credit		36
Total Schoolcraft College Credits Accepted at Madonna University					74
Bachelor Degree Requirements at Madonna University					
BIO 3010	Genetics				4
BIO 4950	Senior Seminar				2
	Cellular or Molecular Biology Elective – See Major Advisor for Choices				4
	Evolution, Epidemiology or Ecology – See Major Advisor for Choices				6
	Elective Credit				24
SC-7	Literature and Informational Fluency*				3
SC-8A	The Madonna Heritage*				3
Madonna University Credit Hours					46
<i>*See Madonna University Catalog for List of Courses</i>					
<i>**Indicates a Madonna University Signature Course Equivalency</i>					

- The Michigan Transfer Agreement (MTA) will satisfy all Madonna University Core Courses. MTA does not satisfy Madonna University Signature Courses.
- Madonna University will transfer a maximum of 74 credits from community colleges towards the minimum total of 120 semester hours needed for a first Bachelor degree. Courses must be approved for transfer, non-remedial and have a grade above a 2.0 (“C”) or higher. Students pursuing a course of study under an existing articulation agreement should contact Madonna University’s Articulation Specialist, kardanowski@madonna.edu in the Office of the Registrar to discuss approved and maximum credit allowances.
- Students who are pursuing or who have earned the MACRAO Transfer Agreement should contact Madonna University as the requirements in the Core Curriculum will vary.
- Contact Schoolcraft College for any questions regarding MTA or MACRAO at 734-462-4429 or eadvise@schoolcraft.edu.
- Contact Madonna University for questions regarding the Biology Major, admission requirements or to set up an appointment with an advisor at 734-432-5339 or admissions@madonna.edu.