



**Articulation Agreement**  
**Washtenaw Community College**  
*Associate of Science with Biology/Pre-Medicine Concentration*  
**Madonna University**  
*Bachelor of Science in Forensic Science*



<b>MTA Requirements</b>					
<b>Washtenaw Community College</b>			<b>Madonna University</b>		
<b>English Composition – 2 courses</b>					
ENG 111	Composition I	4	WRT 1010	College Writing I	4
ENG 226	Composition II	3	WRT 1020	College Writing II ( <i>Univ. Core Requirement</i> )	3
<b>Mathematics – 1 course</b>					
MTH 160	Basic Statistics	4	MTH 2350	Probability and Statistics ( <i>MU Major Requirement</i> )	4
<b>Social Science – 2 courses from different disciplines</b>					
HST 215	History of U.S Foreign Relations <i>Fulfills Program Social &amp; Behavioral Science Elective</i>	3	HIS 4320	Foreign Policy of the US ( <i>Univ. Core Requirement</i> )	3
Select one (1) MTA social science course		3	<i>General Education Social Science</i>		3
<b>Humanities and Fine Arts – 2 courses from different disciplines</b>					
COM 101	Fundamentals of Speaking	3	COM 2350	Public Speaking	3
Choose (1): HUM, 101, 102, 103, 146, or 175 <i>Fulfills Program Arts &amp; Humanities Elective</i>		3	University Core Humanities Goal 3-A		3
<b>Natural Sciences – 2 courses from different disciplines, 1 course must have a lab</b>					
BIO 162	General Biology II Cells and Molecules	4	BIO 1030	General Biology I	4
CEM 111	General Chemistry I	4	CHM 1110	Gen Chemistry I ( <i>MU Major Requirement</i> )	4
<b>31 credits (Minimum 30 credits for MTA)</b>					

The Michigan Transfer Agreement (MTA) will satisfy all Madonna University General Education Requirements. Madonna University graduation requirements consist of the following:

- General Education
- University Core
- Major
- If applicable, Required Support Courses or Minor Requirements

*Please note:*

- A minimum of 120 credits (Washtenaw Community College +Madonna University) required for bachelor degree
- Eligibility of articulation agreement requires both an Associate of Science degree and MTA endorsement
- Madonna University requires all incoming students to complete a writing assessment scored by MU writing faculty
- Articulation Agreement does not include, if needed, prerequisite course(s) or remedial course(s)



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<b>Additional Transferrable Requirements</b>					
<b>Washtenaw Community College</b>			<b>Madonna University</b>		
<b>Biology/Pre-Medicine Degree Core Requirements</b>					
BIO 162	General Biology II Cells and Molecules ( <i>fulfilled in MTA</i> )	-	BIO 1030	General Biology I	-
CEM 111	General Chemistry I ( <i>fulfilled in MTA</i> )	-	CHM 1110	Gen Chemistry I	-
BIO 161	General Biology I Ecology and Evolution	4	BIO 1040	General Biology II	4
CEM 122	General Chemistry II	4	CHM 1120	Gen Chemistry II	4
MTH 191	Calculus I	5	MTH 2510	Calculus w/Analytic Geom. I	5
CEM 211	Organic Chemistry I	4	CHM 2210	Organic Chemistry I	4
CEM 222	Organic Chemistry II	4	CHM 2220	Organic Chemistry II	4
<b>Biology/Pre-Medicine Elective</b>					
BIO 208	Genetics	4	BIO 3010 Genetics ( <i>students must take BIO 208 &amp; 215 for equivalency for this agreement only</i> )		8
BIO 215	Cell & Molecular Biology	4			
<b>WCC Associate of Science Graduation Requirement</b>					
CIS 100 <i>or</i> CIS 110	Intro to Computer Productivity Apps <i>or</i> Intro to Computer Info System <i>Fulfills Computer &amp; Information Literacy Elective</i>	3	CIS 2380	Intro to Computers ( <i>Univ. Core</i> )	3
<b>Madonna University Forensic Science Major Requirements</b>					
BIO 237	Microbiology	4	BIO 2260	Microbiology	4
CJT 208	Criminal Evidence & Procedure	3	CJ 3050	Criminal Procedure	3
CJT 209	Criminal Law	3	CJ 2650*	Criminal Law (Major Elective)*	3
PHY 211	Analytical Physics I	4	PHY 2630	Physics for Scientists and Engineers I	4
PHY 222	Analytical Physics II	4	PHY 2640	Physics for Scientists and Engineers II	4
<b>Madonna University Core Requirements</b>					
HUM 145	Comparative Religions <i>Fulfills Program Arts &amp; Humanities Elective</i>	3	RST UC	Religious Values UC-2	3
PHL 245	Philosophy of Religion <i>Fulfills Program Arts &amp; Humanities Elective</i>	3	RST UC	Religious Values UC-2	3
<b>Total Transfer Credits</b>					
Total MTA Requirements at WCC		31	Total MTA Credits Accepted at MU		31
Total Additional Transfer Credits at WCC		56	Total Additional Transfer Credits Accepted at MU		56
<b>Total WCC Credit Hours</b>		<b>87</b>	<b>Total Credits Accepted at MU</b>		<b>87</b>

\*Other major electives options that can be taken at Madonna University are: Adv. Inorganic Chemistry, Biochemistry, Instrumental Analysis, Criminology, Intro to Forensic Anthropology, Population Genetics, Toxicology, Co-op, Internship, Calculus II



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<b>Bachelor Degree Requirements at Madonna University</b>		
BIO 4410	Molecular Biology	4
CHM 3610	Biochemistry I	4
CHM 3310	Quantitative Analysis	4
FOR 1010	Introduction to Forensic Science	4
FOR 3310	Impression and Trance Evidence Analysis	3
FOR 3320	Firearm and Tool Mark Analysis	3
FOR 4620	Methods in Forensic Biology	3
FOR 4630	Methods in Forensic Chemistry	3
FOR 3330 <i>or</i> FOR 4640	Introduction to Forensic Anthropology <i>or</i> Toxicology	3
FOR 4650	Ethics and Expert Testimony	3
FOR 4950	Senior Seminar	2
Upper Level English (3000+ level course, see academic Advisor)		4
<b>Total MU Credit Hours</b>		<b>40</b>

Please note:

- Forensic science technicians investigate crimes by analyzing physical evidence, working in both public and private laboratory settings. Often, they specialize in areas such as DNA analysis or firearm examination or perform tests on weapons or substances such as fiber, hair, tissue, or body fluids to determine significance to the investigation. They also prepare reports to document their findings and the laboratory techniques used. When criminal cases come to trial, forensic science technicians often provide testimony as expert witnesses on specific laboratory findings by identifying and classifying evidence collected at the crime scene.
- Transfer students with over 60 semester hours completed at other institutions intending to pursue Forensic Science at Madonna University must have a cumulative GPA of at least 2.8, have completed at least 2/3 of all course work attempted, and be in good academic and personal standing at prior institutions.
- Students interested in a Forensic Science major must complete a pre-forensic science block of courses with a minimum 2.75 GPA in the block, in order to be eligible to apply for acceptance to the Forensic Science program at Madonna University:

<b>Pre-Forensic Science Block Requirements</b>		
<i>Madonna Course Number</i>	<i>Madonna Course Title</i>	<i>Washtenaw Course Number</i>
BIO 1030	General Biology I	BIO 162
CHM 1110	General Chemistry I	CEM 111
CHM 1120	General Chemistry II	CEM 122
CHM 2210	Organic Chemistry I	CEM 211
FOR 1010	Introduction to Forensic Science	<i>No equivalent course</i>
MTH 2510	Calculus w/ Analytic Geometry I	MTH 191
MTH 2350	Probability and Statistics	MTH 160
WRT 1020	College Comp II	WRT 1020

- Contact Counseling & Career Planning at WCC at 734-677-5102 for any questions regarding pre-requisites for courses listed above.
- Contact Madonna University for questions regarding the Forensic Science major, admissions requirements or to set up an appointment with an Advisor. 734-432-5339 or [admissions@madonna.edu](mailto:admissions@madonna.edu)