

**JAMESTOWN COMMUNITY COLLEGE & MEDAILLE COLLEGE**  
**MASTER ARTICULATION AGREEMENT and**  
**BIOLOGY**  
**COURSE EQUIVALENCIES**

This document establishes a transfer articulation agreement between Jamestown Community College and Medaille College. Its purpose is to afford students the opportunity to pre-plan their college careers, and to facilitate the transfer process from an Associate in Arts (AA) or Associate in Science (AS) degree program at Jamestown Community College to a parallel Bachelor of Arts (BA), Bachelor of Science (BS), or Bachelor of Science in Education (BSED) degree program at Medaille College.

**TERMS OF AGREEMENT**

1. Students who graduate from Jamestown Community College with an AA or AS degree and who have also achieved a minimum cumulative Jamestown Community College grade point average (GPA) of 2.5 are guaranteed admission with full junior status into the parallel BA, BS, or BSED degree program at Medaille College.
2. Medaille College will transfer a minimum of 60 Jamestown Community College credit hours toward meeting requirements for the Medaille College parallel degree.

Students can also choose to transfer additional Jamestown Community College credit hours. The maximum allowed number of transferrable Jamestown Community College credits from Appendix A toward meeting requirements for each Medaille College degree is:

  - 63 credit hours toward the Accounting BS,
  - 81 credit hours toward the Adolescence/Special Education (7-12) Biology BSED,
  - 62 credit hours toward the Adolescence/Special Education (7-12) English BSED,
  - 69 credit hours toward the Adolescence/Special Education (7-12) Social Studies BSED,
  - 90 credit hours toward the Biology BS,
  - 78 credit hours toward the Communication BS,
  - 90 credit hours toward the Criminal Justice (Juvenile & Family Justice Concentration) BS
  - 90 credit hours toward the Criminal Justice (Law Enforcement Administration & Criminal Investigation Concentration) BS
  - 90 credit hours toward the Criminal Justice (Law & Society Concentration) BS
  - 90 credit hours toward the Criminal Justice (Homeland Security & Emergency Management Concentration) BS
  - 66 credit hours toward the Early Childhood/Childhood BSED,
  - 78 credit hours toward the English BA,
  - 90 credit hours toward the Liberal Studies BS,
  - 90 credit hours toward the Psychology BA, and
  - 69 credit hours toward the Sport Management BS.

When a Jamestown Community College course carries more credits than an equivalent Medaille College course, the excess credits will transfer as elective credits.

  - a. For example, MAT 1600 Pre-Calculus (4 credits) will transfer as MAT 115 Pre-Calculus (3 credits) plus 1 credit of MAT electives.
3. Students who earn a Jamestown Community College degree listed in Appendix A (with a minimum of 60 credit hours) are guaranteed the opportunity to earn the parallel bachelor's degree with four continuous semesters of full-time study at the normal coursework rate of 15 or more credits per semester at Medaille College.

- a. Students who complete the BS Accounting degree and meet Medaille's gateway GPA requirement to continue into the graduate component are guaranteed acceptance into the Master of Science (MS) Accounting degree program at Medaille College.
4. Both Medaille College and Jamestown Community College agree to encourage qualified students to participate in this program by providing information, advisement, and assistance to prospective students.
5. Proposed changes in policies or curricula by either party should be communicated in writing to the other party.
6. Either party may independently cancel this agreement by notifying the other party in writing no less than one year before the intended date of cancellation.
7. This agreement will be reviewed by both institutions every three (3) years. This is to begin with the semester in which this document first takes effect. Thus, the document will be subject to review in the spring of 2021. Failure to conduct a review will in no way affect the terms of the agreement.
8. Both parties can use this agreement and the names Jamestown Community College and Medaille College in all promotional activities including college catalogs and recruitment and advisement activities.
9. Jamestown Community College and Medaille College may from time to time add additional parallel programs by means of addenda to this agreement.

### **Programs Covered by the Agreement**

#### Jamestown Community College Degree

Business – Business Administration AS  
 Liberal Arts & Sciences: Adolescence Education AS  
  
 Liberal Arts & Sciences: Mathematics & Sciences AS  
 Communication AS  
 Criminal Justice AS  
 Liberal Arts & Sciences: Early Childhood Education AS  
 Liberal Arts & Sciences: Humanities AA  
 Liberal Arts & Sciences: Humanities AA  
 Liberal Arts & Sciences: Social Sciences AA  
 Sport Management AS

#### Medaille College Parallel Degree

Accounting BS  
 Adolescent Education (7-12): Biology,  
 English, Social Studies BSED  
 Biology BS  
 Communication BS  
 Criminal Justice BS  
 Early Childhood/Childhood BSED  
 English BA  
 Liberal Studies BS  
 Psychology BA  
 Sport Management BS

## JCC AS LAS: Mathematics & Sciences – Medaille College **BS Biology**

<u>Medaille Courses</u>	<u>Credit Hours</u>	<u>Equivalent JCC Courses</u>	<u>Credit Hours</u>
<b><u>General Education Core (27 credits)</u></b>			
ENG 110 College Writing <u>and</u> ENG 200 Advanced College Writing	6	Any two of these courses: ENG 1510 College Composition I ENG 1530 College Composition II ENG 1540 Writing About Literature	6
GEN 110 Introduction to Critical Thinking <u>or</u> INT 110 Introduction to Dialogues in Critical Thinking	3	Any Liberal Arts & Sciences Elective	3
GEN 220 Justice & Democracy in America <u>or</u> HIS 200 African-American History <u>or</u> HIS 220 Cultural Interaction in Colonial North America <u>or</u> INT 220 Enduring American Dialogues	3	-	
GEN 230 Creative Expression <u>or</u> ART 240 Beginning Drawing	3	Any one of the following: ART 1500 Introduction to Art, ART 1550 Survey of Visual Art: Prehistoric-Medieval, ART 1560 Survey of Visual Art: Renaissance-Contemporary, MUS 1510 Introduction to Music, MUS 1570 Music Theory I, MUS 1590 American Music: Classic/Popular, THE 1510 Introduction to Theater, THE 1520 Modern Drama, THE 1630 London Theater Seminar, any literature course	3
GEN 410 Baccalaureate Capstone I	3	-	
GEN 411 Baccalaureate Capstone II <u>or</u> INT 450 Citizenship Dialogue <u>or</u> PSY 411 Psychology Capstone	3	-	
MAT 115 Pre-Calculus	3	MAT 1600 Precalculus <u>or</u> any higher-numbered MAT course	3
SPE 130 Fundamentals of Public Speaking	3	CMM 1610 Public Speaking	3
<b><u>Major Requirements (31 credits)</u></b>			
BIO 120 Botany	4	BIO 2670 Botany	4
BIO 170/BIO 171 Comparative Anatomy and Physiology I/II	10	BIO 2510/2520/ 2660 Anatomy and Physiology I&II/Zoology (or and Physiology I/II BIO 2510/2520 plus must take 3 credits in animal study as directed studies at Medaille)	10
BIO 200 Microbiology	4	BIO 2531/2532 Microbiology/Lab	4

BIO 220 Cell Biology	3	BIO 2800 Cell Biology	4
BIO 301 Epidemiology & Biostatistics	3	-	
BIO 320 Ecology	4	-	
BIO 330 Genetics	3	BIO 2560 Genetics	4
<b><u>Major Electives (9 credits)</u></b>	<b>9</b>		
<b><u>CHOOSE 3 FROM THE FOLLOWING:</u></b>			
BIO 303 Toxicology		-	
BIO 310 Immunology		BIO 2840 Immunology	3
BIO 340 Animal Behavior		BIO 2640 Animal Behavior	3
BIO 370 Advanced Vertebrate Physiology I		-	
BIO 371 Advanced Vertebrate Physiology II		-	
BIO 421 Ichthyology		-	
BIO 422 Herpetology		-	
BIO 423 Ornithology		-	
BIO 424 Mammalogy		-	
BIO 430 Organic Evolution		-	
BIO 470 Developmental Biology		-	
BIO 498 Independent Study in Biology		-	
CHE 400 General Biochemistry		-	
<b><u>Liberal Arts and Science (19 credits)</u></b>			
CHE 200 General Chemistry I	4	CHE 1550 College Chemistry I	4
CHE 201 General Chemistry II	4	CHE 1560 College Chemistry II	4
CHE 300 Organic Chemistry I	4	CHE 2530 Organic Chemistry I	4
CHE 301 Organic Chemistry II	4	CHE 2540 Organic Chemistry II	4
PHI 300 Ethics	3	PHL 2610 Introduction to Ethical Theory (or BIO/PHL 2570 Environmental Issues and Ethics or PHL 2720 Biomedical Ethics)	3

**Computer Information System Component (3 credits)**

CIS 175 Technology Application in Education                      3                      -

**Free Electives (39 credits)**

Any College Courses                      up to    39

Any College Courses                      up to    39