

**MASTER TRANSFER ARTICULATION AGREEMENT BETWEEN JAMESTOWN
COMMUNITY COLLEGE AND ST. BONAVENTURE UNIVERSITY 2020
WITH BIOINFORMATICS ADDENDUM**

PURPOSE OF AGREEMENT

This document establishes a transfer articulation agreement between Jamestown Community College (JCC) and St. Bonaventure University (SBU). Its purpose is to afford students the opportunity to pre-plan their college careers, and to facilitate the transfer process from JCC to SBU.

GENERAL GUARANTEE OF ADMISSION, STANDING, AND TRANSFER OF COURSES

Students who graduate from JCC with any Associate in Arts (AA) or Associate in Science (AS) degree are guaranteed acceptance to the SBU bachelor's degree program of their choice provided they have earned a minimum JCC cumulative grade point average (GPA) of 2.5. Students who transfer 60 or more credits to SBU are guaranteed full junior standing. The only exception to this general guarantee is the SBU nursing program. See the attached Bachelor of Nursing addendum for details regarding that degree program.

SBU will accept in transfer any JCC courses in which any passing grade (including D+ or D) has been earned, provided the student's cumulative GPA at the time of enrollment at SBU is at least 2.5. For students whose cumulative GPA is below 2.5 at the time of enrollment, SBU requires a minimum grade of C for a course to transfer. To earn a bachelor's degree, students must complete at least 45 undergraduate credit hours and at least half of the major requirements at SBU. Students can transfer up to 75 JCC credits toward fulfillment of a SBU bachelor's degree.

While this agreement serves as a stand-alone document, addenda have been added containing information specific to transfer into SBU degree programs in Accounting, Adolescence Education, Bioinformatics, Broadcast Journalism, Chemistry, Childhood Education, Childhood and Early Childhood Education, Inclusive Childhood Education, Inclusive Childhood & Early Childhood Education, Childhood Studies, Computer Science, Criminology, Cybersecurity, English, Finance, Health and Society, Health Science, Journalism, Management, Marketing, Nursing, Philosophy, Physical Education, Psychology, Public Health, Sociology, Spanish, Sport Studies, Sports Management, Sports Media, Strategic Communication, and Women's Studies. Addenda for additional SBU degree programs may be added from time to time. These addenda may include additional conditions such as exceptions to the guarantee of admission or to the required 2.5 cumulative GPA, specific required coursework for acceptance into the SBU degree program, and specific coursework required in transfer to guarantee the opportunity to earn the bachelor's degree in four semesters.

A separate agreement allows students registered for 12 or more JCC credits to take one additional course free of charge at SBU each semester, on a space available basis, provided the equivalent course is not being offered at JCC's Cattaraugus County Campus. Students are responsible for any lab fees associated with the courses, and should note that the SBU semester calendar may vary from that of JCC. Students can visit www.sbu.edu to explore SBU course offerings. They can also contact a JCC advisor or JCC's Counseling and Career Center for additional information about this opportunity.

ST. BONAVENTURE UNIVERSITY GENERAL EDUCATION CURRICULUM

Students interested in transferring to SBU should note the following General Education Curriculum courses, which are required for every SBU bachelor's degree and can be satisfied in most cases by earning a JCC degree or taking JCC courses. Any student who earns an AA or AS degree from JCC will be considered to have satisfied the following course requirements of the SBU General Education Curriculum: SBU 101 Community of Learners, SBU 102 An Introduction to Contemporary Diversity, ENG 101 Writing I, and ENG 102 Writing II. They will also be considered to have satisfied these required SBU Distributions: Diversity, Franciscan Studies/Theology, Historical Studies, Intensive Writing, Literature and the Visual and Performing Arts, Natural Science with a Lab, Philosophy, Social Sciences, Technology, and Quantitative Literacy.

In addition, transfer credit for these individual SBU General Education Curriculum requirements will be granted as follows for these individual JCC courses:

- ENG 101 Writing I and ENG 102 Writing II – ENG 1510 College Composition I and ENG 1530 College Composition II, or ENG 1530 and ENG 1540 Writing About Literature.
- PHL 104 Introduction to Ethics – BIO/PHL 2570, CRI 2550, PHL 2610, PHL 2630, PHL 2720.
- Diversity Distribution – ANT 1510, ANT 1520, ANT 2510, ANT 2520, ANT 2540, ANT 2520, POL 1520, POL 2860.
- Franciscan Studies/Theology Distribution – ANT 1530, ANT/HIS/REL 2570, ENG 2850, PHL 2550, REL 1510, REL 1520, REL 1530, REL 2570.
- Historical Studies Distribution – any 3-credit world or American history course.
- Literature and Performing Arts Distribution – ENG 1540, ENG 2510, ENG 2520, ENG 2550, ENG 2560, ENG 2610, ENG 2620, ENG 2650, ENG 2830, INT 1750, any
- 3-credit course in ART, DAN, MUS, or THE.
- Natural Science with a Lab Distribution – any 4-credit course in BIO, CHE, GLG, or PHY.
- Philosophy Distribution – any 3-credit PHL course.
- Social Sciences Distribution – any 3-credit course in ECO, POL, PSY, or SOC.
- Quantitative Literacy Distribution – MAE 2510, any 3-credit or 4-credit college-level MAT course.

Note that there is no JCC equivalent THFS 101 The Way of Francis and Clare. All students must take this course at SBU.

Addendum - Bachelor of Science in Bioinformatics

APPENDIX A

SBU REQUIRED COURSES AND JCC EQUIVALENT COURSES¹

SBU Course	Credit Hours	JCC Equivalent Course	Credit Hours
General Education Requirements	34	See below ²	34
THFS 101 The Way of Francis and Clare	3		
BIO/BIO 105 Biological Science I/Lab	4	BIO 1570 Principles of Biology I	4
BIO/BIO 106 Biological Science II/Lab	4	BIO 1580 Principles of Biology II	4
BIO 291/293 Genetics/ Genetics/Cell Biology Lab	4	BIO 2560 Genetics	4
BIO 371 Biochemistry	4		
BIO 466 Molecular Biology	4		
BIO 494 Genomics	3		
CHEM/CHML 101 General Chemistry I/Lab	4	CHE 1550 General Chemistry I	4
CHEM/CHML 102 General Chemistry II/Lab	4	CHE 1560 General Chemistry II	4
CHEM/CHML 301 Organic Chemistry I/Lab	4	CHE 2530 Organic Chemistry I	4
CSC/CSCL 131 Computer Science I/Lab	4	CSC 1590 Computer Programming	4
CSC/CSCL 132 Computer Science II/Lab	4	CSC 1600 Data Structures	4
CSC 333 Algorithms & Data Structure	3		
PHYS/PHYL 103 General Physics I/Lab	4	PHY 1610 General Physics I or PHY 1710 Analytical Physics I	4

PHYS/PHYL 104 General Physics II/Lab	4	PHY 1620 General Physics II or PHY 2710 Analytical Physics II	4
MAT 151 Calculus I	4	MAT 1710 Calculus/Analytic Geometry I	4
MATH 152 Calculus II	4	MAT 1720 Calculus/Analytic Geometry II	4
MATH 207 Discrete Mathematics I	3	MAT 1670 Discrete Mathematics	3
MATH 208 Discrete Mathematics II	3		
MATH 322 Mathematical Probability	3		
MATH 323 Mathematical Statistics	3		
BIF 401 Bioinformatics Seminar	1		
Foreign Language (202 level)	3	Foreign Language (2520 level)	3
Bioinformatics Electives	3-6		
General Electives	enough credits to reach 120	General Electives (any college-level courses)	enough credits to reach 120

Total Credits

120

¹Students must complete at least 45 undergraduate credits and at least half of the major requirements at St. Bonaventure University.

²Any student who earns an AA or AS degree from JCC will be considered to have satisfied the following course requirements of the SBU General Education Curriculum: SBU 101 Community of Learners, SBU 102 An Introduction to Contemporary Diversity, ENG 101 Writing I, and ENG 102 Writing II. They will also be considered to have satisfied these required SBU Distributions: Diversity, Franciscan Studies/Theology, Historical Studies, Intensive Writing, Literature and the Visual and Performing Arts, Natural Science with a Lab, Philosophy, Social Sciences, Technology, and Quantitative Literacy.