ARTICULATION AGREEMENT
IN ENVIRONMENTAL SCIENCE
BETWEEN
JAMESTOWN COMMUNITY COLLEGE
AND
ST. BONAVENTURE UNIVERSITY

PURPOSE OF AGREEMENT

This document establishes a transfer articulation agreement between Jamestown Community College and St. Bonaventure University. Its purpose is to afford students the opportunity to pre-plan their college careers, and to facilitate the transfer process from the Associate in Science (A.S.) in Liberal Arts and Sciences: Mathematics and Science degree program at Jamestown Community College to the Bachelor of Science (B.S.) in Environmental Science degree program at St. Bonaventure University.

GENERAL GUARANTEE OF ADMISSION AND STANDING

Students who graduate from Jamestown Community College with the A.S. Liberal Arts and Sciences: Mathematics and Science degree are guaranteed acceptance into the B.S. Environmental Science degree program at St. Bonaventure University provided they have a minimum Jamestown Community College cumulative grade point average of 2.5. Students who transfer 60 or more credit hours to St. Bonaventure University are guaranteed full junior standing.

GENERAL GUARANTEE OF OPPORTUNITY TO GRADUATE

Students who graduate from Jamestown Community College having earned a minimum grade of C for at least 54 credit hours from among the courses listed in Appendix A of this agreement are guaranteed the opportunity to earn the B.S. Environmental Science degree with four semesters of normal coursework at St. Bonaventure University. St. Bonaventure University requires a minimum grade of C for a course to transfer. To earn a baccalaureate degree, students must complete at least 60 undergraduate hours at St. Bonaventure University. A separate agreement allows students who are enrolled full-time at Jamestown Community College to take one course free of charge at St. Bonaventure University each semester.

PROMOTION OF AGREEMENT

Both parties have the right to use this agreement and the name of Jamestown Community College and St. Bonaventure University in all promotional activities including college catalogs and recruitment or advisement activities.

PROVISION FOR CHANGES IN POLICIES OR CURRICULA

Proposed changes in policies or curricula by either party should be communicated in writing to the other party.

EFFECTIVE DATE AND PROVISION FOR CANCELLATION

This agreement goes into effect when signed by all individuals listed below.
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.

APPENDIX A
ST. BONAVENTURE UNIVERSITY/JAMESTOWN COMMUNITY COLLEGE COURSE EQUIVALENCIES

SBU COURSE	CREDIT HOURS	JCC COURSE EQUIVALENT	CREDIT HOURS
BIO 105/106: Biological Science	8	BIO 1570/1580: Principles of Biology I/II	8
Bio 321: General Microbiology	3	BIO 2530: Microbiology	4
BIO 341: Ecology (3)			
BIO 403: Freshwater Ecosystems	3		
CHEM 101/101L: General Chemistry I/Laboratory	4	CHE 1550: College Chemistry I	4
CHEM 102/102L: General Chemistry II/Laboratory	4	CHE 1560: College Chemistry II	4
CHEM 201/201L: Analytical	4	Chemistry/Laboratory	
CHEM 301/301L: Organic Chemistry I/Laboratory	4	CHE 2530: Organic Chemistry I	4
ENVI 301: Process Engineering	3		
ENVI 401: Environmental Regulation and Testing	3		
ENVI 402: Surface and Groundwater Hydrology	3		
ENVI 404: Internship in Environmental Science	3		
ENVI 490: Environmental Science Seminar	1		
GEOL 105: Geology	3	GLG 1550: Earth Science OR GLG 1510: Physical Geology (4)	3
GEOL 116: Historical Geology	3	GLG 1520: Historical Geology	3
PHYS 103/103L: General Physics I/ Laboratory	4	PHY 1610: General Physics I OR PHY 1710: Mechanics (4)	4
PHYS 104/104L: General Physics II/ Laboratory	4	PHY 1620: General Physics II OR PHY 1720: Mechanics/Heat (4)	4
PENR 103: Engineering Graphics	3	MCT 1380: Introduction to Computer-Aided Design	3
CSCI:120: Introduction to Computers OR CSCI 127: Computer Applications to Science and Engineering (3)	3	CSC 1510: Introduction to Computer Science OR CSC 1560: Microcomputer Applications I (4)	3
MATH 107: Introduction to Statistics	3	MAT 1540: Elementary Statistics	3
MATH 151: Calculus I	4	MAT 1710: Calculus and Analytical Geometry I	4
CLAR 101: The Intellectual Journey	3		
CLAR 401: The University Forum	2		
3-Course Sequence (12)*			
Core Area Courses (From Following List):	25		up to 22
CLAR 102: Inquiry in the Natural World (4)		Any laboratory course in BIO, CHE, GLG, or PHY (4) *	
CLAR 103: Foundations of the Western World (3)		HIS 1510: World History I (3) OR HIS 1520: World History II (3)	
CLAR 104: The Good Life (3)		PHL 2610: Introduction to Ethical Theory (3)	

		OR PHL 2630: Contemporary Moral Problems (3)	
CLAR 105: Inquiry in the Social World (3) CLAR 106: Foundational Religious Texts of the Western World (3) CLAR 107: The Catholic-Franciscan Heritage (3) CLAR 108: World Views (3)		Any 1000-level (or above) course in ECO, PSY, or SOC (3) ENG 2850: Literature of the Bible (3)	
		ANT 2510: Peoples and Cultures of the Americas (3) OR SOC 2580: Minorities in American Society (3)	
CLAR 109: Arts and Literature (3)		INT 2530: Humanities I (3) OR INT 2540: Humanities II (3)	
Composition and Critical Thinking I/II	6	Any two of the following: ENG 1530: College Composition (3) ENG 1540: Writing About Literature (3) PHL 1570: Critical Reasoning (3)	6
Foreign Language (level of 202 or higher)	3	Foreign Language (level of 2520 or higher)	4
General Electives	8	General Electives	8

* The 3-course sequence will ordinarily be fulfilled by taking MATH 151: Calculus I (JCC course equivalent is MAT 1710: Calculus and Analytic Geometry I), PHYS 103/103L: General Physics I/Laboratory (JCC equivalent course is PHY 1610: General Physics I or PHY 1710: Mechanics), and PHYS 104/104L: General Physics II/Laboratory (JCC equivalent course is PHY 1620: General Physics II or PHY 1720: Mechanics/Heat)

** Must be a lecture + lab course in BIO, CHE, GLG, or PHY that is not used toward requirements for the SBU major in Environmental Science