

**ARTICULATION AGREEMENT IN ENVIRONMENTAL STUDIES  
BETWEEN  
JAMESTOWN COMMUNITY COLLEGE  
AND  
ALFRED UNIVERSITY**

**PURPOSE OF AGREEMENT**

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

**GENERAL GUARANTEE OF ADMISSION AND STANDING**

Students who

- graduate from Jamestown Community College with an Associate in Science (A.S.) or Associate in Arts (A.A.) degree,
- have achieved a minimum cumulative grade point average of 2.5 for all courses taken, and
- have achieved a minimum overall grade point average of 2.5 for all courses taken in the sciences

are guaranteed admission into the B.A. Environmental Studies program at Alfred University. They are also guaranteed full junior status.

**GENERAL GUARANTEE OF OPPORTUNITY TO GRADUATE**

Students who graduate from Jamestown Community College having taken a minimum of 54 credits from courses listed in Appendix A of this agreement are guaranteed the opportunity to earn the bachelor's degree with four semesters of normal coursework at Alfred University.

**TRANSFER OF COURSES FROM JAMESTOWN COMMUNITY COLLEGE**

Alfred University will accept up to 79 credits from Appendix A in transfer toward fulfillment of requirements for the bachelor's degree. Alfred University graduation requirements stipulate that at least 45 credits, including the final 30 credits, must be taken in residence at Alfred University. At least 90 liberal arts credits are required for the B.A. degree.

**PROMOTION OF AGREEMENT**

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

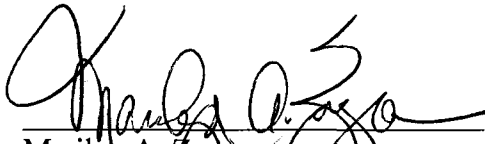
**PROVISION FOR CHANGES IN POLICIES OR CURRICULA**

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

**PROVISION FOR CANCELLATION**

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.

**APPROVED FOR JAMESTOWN  
COMMUNITY COLLEGE BY:**

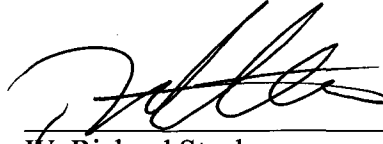


Marilyn A. Zagora  
Vice President of Academic Affairs

Date

4/21/15

**APPROVED FOR ALFRED  
UNIVERSITY BY:**



W. Richard Stephens  
Provost and Vice President of Academic Affairs

Date

4/28/15



Robert A. Phillips  
Transfer Articulation Coordinator

Date

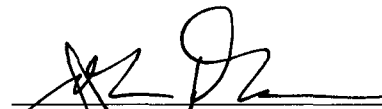
4/16/15



Louis Lichtman  
Dean, College of Liberal Arts and Sciences

Date

4/28/15



John D. Cerio  
Director, Downstate and Continuing Programs

Date

5/4/15

**APPENDIX A – ALFRED UNIVERSITY/JAMESTOWN COMMUNITY COLLEGE COURSE EQUIVALENCIES**

<u>Alfred University Courses</u> <u>(Total 120 Credits + 4 credits Physical Education)</u>	<u>Credits</u>	<u>JCC Equivalent Courses</u>	<u>Credits</u>
<b>General Education Requirements</b>			
1. <u>FYE (First Year Experience) Course</u>	3		
2. <u>Basic Competencies</u>			
Written Communication (Attribute 1)	3	ENG 1530 English Composition II	3
Foreign Language (Attribute 2)	4	ASL 1520 Introductory Sign Language II or ARA 1520 Introductory Arabic II or FRE 1520 Introductory French II or SPA 1520 Introductory Spanish II	4
Quantitative Reasoning (Fulfilled by one of the following: *score of 630 or higher on the SAT math *score of 28 or higher on ACT Math *score of 4 or higher on the Advanced Placement Exam in either Calculus AB or Calculus BC *successful completion (or transfer of an equivalent JCC course) of an AU course designated as quantitative reasoning (QR) – see AU website – equivalent JCC/AU courses are MAT 1630/MATH 107, MAT 1710/MATH 151, and PHL 2650/PHIL 282	0-4	Quantitative Reasoning (Fulfilled by one of the following: *score of 630 or higher on the SAT math *score of 28 or higher on ACT Math *score of 4 or higher on the Advanced Placement Exam in either Calculus AB or Calculus BC *successful completion (or transfer of an equivalent JCC course) of an AU course designated as quantitative reasoning (QR) – see AU website – equivalent JCC/AU courses are MAT 1630/MATH 107, MAT 1710/MATH 151, and PHL 2650/PHIL 282	0-4
3. <u>Areas of Knowledge</u>			
Literature (Attribute A)	4	ENG 1540 Writing About Literature or ENG 2510 Masterpieces of World Literature I or ENG 2520 Masterpieces of World Literature II or ENG 2550 American Literature I or ENG 2560 American Literature II or ENG 2580 The Modern Novel or ENG 2590 Science Fiction or ENG 2610 British Literature I or ENG 2620 British Literature II or ENG 2650 Award Winning Young Adult Literature or ENG 2660 Literature Goes to Hell or ENG 2830 Shakespeare or ENG 2850 Literature of the Bible	3
Philosophy or Religion (Attribute B)	4	Any PHL or REL course or ANT 1530 Comparative Religion or ANT 2570 History of World Religions or	3

The Arts (Attribute C)	4	Any ART or DAN or MUS or THE course or ENG 2840 Film Study and Appreciation	3
History (Attribute D)	4	Any HIS course	3
Social Sciences (Attribute E) 8 credits selected from at least two of the following categories: E1. Psychology/Gerontology E2. Sociology/Anthropology/ Global Studies	8	Social Sciences 6 credits selected from at least two of the following categories: Psychology ANY courses in SOC or ANT or GLS	6
Natural Sciences (Attribute F) (8 credits – 2 of which must be from F-I) Will be satisfied by 6. Requirements for the Major below) F-I. Scientific Inquiry F-II. Scientific Knowledge F-III. Science and Society		Natural Sciences (Attribute F) (8 credits – 2 of which must be from F-I) Will be satisfied by 6. Requirements for the Major below) F-I. Scientific Inquiry F-II. Scientific Knowledge F-III. Science and Society	

4. Additional University Course Requirements

Global Perspectives Requirement	3-4	Choose one course: ANT 1520 Introduction to Cultural Anthropology or ANT/REL 1530 Comparative Religion or ANT 2510 Peoples and Cultures of the Americas or ANT 2520 peoples and Cultures of the World or ANT 2570 History of World Religions or ANT/BIO/CMM 2600 Planet Earth: Critical Topics or ART 1560 Survey of Visual Art: Renaissance- Contemporary or BIO 2620 Tropical Biology Seminar or BUS 1650 Global Business or ECO 2610 Macroeconomic Problems or ENG 2730 World Mythology or GEO 1520 World Regional Geography or HIS 1520 World History Since 1500 or HIS 2560 History of World War II or INE 2730 Semester Abroad or POL 1520 World Politics or POL 2860 European Union or SOC 2580 Minorities in American Society or RUS 2560 Russian Civilization & Culture or SPA 2560 Latin American Civilization and Culture or THE 1630 London Theater Seminar	3
5. <u>Physical Education Credits</u> (activity courses only) May also be fulfilled with participation in varsity sports or waived for students over the age of 25.	4	PHE (activity courses only)	4

6. Requirements for the Major – Natural Science Emphasis

A. Core Requirements

(see Alfred University catalog for details) 38-40 credits

B. Breadth Requirements

One course from among the following: BIOL 150 Biological Foundations (4 credits)	4	One course from among the following: BIO 1570 Principles of Biology I or BIO 1575 Biology: A Molecular Approach (4 credits)	4
CHEM 105 General Chemistry I (4)		CHE 1550 College Chemistry I (4)	
GEOL 101 This Dynamic Earth (4)		GLG 1510 Physical Geology (4)	
PHYS 111 Introductory General Physics I or PHYS 125 Physics I (4)		PHY 1610 General Physics I or PHY 1710 Analytical Physics I (4)	

(see Alfred University catalog for additional choices)

Two courses from among the following: ANTH 110 Cultural Anthropology (4)	4-8	Two courses from among the following: ANT 1520 Introduction to Cultural Anthropology (3)	6
ECON 201 Principles of Microeconomics (3)		ECO 2620 Microeconomic Principles (3)	
PHIL 281 Ethics (4)		BIO/PHL2570 Environmental Issues and Ethics or ANT/BIO/CMM 2600 Planet Earth: Critical Topics or PHL 2610 Introduction to Ethical Theory or PHL 2630 Contemporary Moral Problems (3)	

(see Alfred University catalog for additional choices)

C. Natural Science Emphasis Electives Three courses (at least 11 credits) from among those listed, with no more than two 100-level courses	11-12	Natural Science Emphasis Electives Three courses from among those listed	
BIOL 150 Biological Foundations (4 credits)		BIO 1570 Principles of Biology II or BIO 1575 Biology: A Molecular Approach (4)	
		BIO 2550 Conservation Biology (4)	
BIOL 322 Botany (4)		BIO 2670 Botany (4)	
CHEM 106 General Chemistry II (4)		CHE 1560 College Chemistry II (4)	
CHEM 310 Basic Organic Chemistry (3) or CHEM 315 Organic Chemistry I (4)		CHE 2530 Organic Chemistry I (4)	

CHEM 316 Organic Chemistry II (4)	CHE 2540 Organic Chemistry II (4)
GEOL 301 Structural Geology (4)	GLG 1510 Physical Geology (4)
PHYS 112 Introductory General Physics II or PHYS 126 Physics II (4)	PHY 1610 General Physics I or PHY 1710 Analytical Physics I (4)

(see Alfred University catalog for additional choices)

7. Requirements for the Major – Social Science Emphasis

A. Core Requirements

(see Alfred University catalog for details) (42 credits)

B. Breadth Requirements

Two courses from among the following: BIOL 210 Biology I (4 credits)	8	Two courses from among the following: BIO 1570 Principles of Biology I or BIO 1575 Biology: A Molecular Approach (4 credits)	8
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CHEM 105 General Chemistry I (4)	CHE 1550 College Chemistry I (4)
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PHYS 111 Introductory General Physics I or PHYS 125 Physics I (4)	PHY 1610 General Physics I or PHY 1710 Analytical Physics I (4)
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(see Alfred University catalog for additional choices)

C. Social Science Emphasis Electives	16	Natural Science Emphasis Electives	up to 15
Sixteen credits from among the following: ANTH 110 Cultural Anthropology (4)		ANT 1520 Introduction to Cultural Anthropology (3)	

ECON 201 Principles of Microeconomics (3)	ECO 2620 Microeconomic Principles (3)
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ECON 202 Principles of Macroeconomics (3)	ECO 2610 Macroeconomic Principles (3)
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PHIL 281 Ethics (4)	BIO/PHL2570 Environmental Issues and Ethics or PHL 2610 Introduction to Ethical Theory or PHL 2630 Contemporary Moral Problems (3)
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PSYC 282 Social Psychology (4)	PSY 2530 Social Psychology (3)
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(see Alfred University catalog for additional choices)

8. Requirements for the Major – Environmental Science Emphasis

A. Core Requirements

MATH 151 Calculus I	4	MAT 1710 Calculus and Analytic Geometry I (4)
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(see Alfred University catalog for details – 33 additional credits)

**B. Breadth Requirements**

Twenty credits from among the following: 20 Two courses from among the following: up to 20

BIOL 150 Biological Foundations (4 credits)

BIO 1570 Principles of Biology I or  
BIO 1575 Biology: A Molecular Approach  
(4 credits)

CHEM 105 General Chemistry I (4)

CHE 1550 College Chemistry I (4)

CHEM 106 General Chemistry II (4)

CHE 1560 College Chemistry II (4)

MATH 152 Calculus I (4)

MAT 1720 Calculus and Analytic Geometry II (4)

PHYS 111 Introductory General  
Physics I or  
PHYS 125 Physics I (4)

PHY 1610 General Physics I or  
PHY 1710 Analytical Physics I (4)

PHYS 112 Introductory General Physics II or  
PHYS 126 Physics II (4)

PHY 1610 General Physics I or  
PHY 1710 Analytical Physics I (4)

(see Alfred University catalog for additional choices)

**C. Depth Requirements**

Three courses (at least 11 credits) from among those listed up to 8

BIOL 322 Botany (4)

BIO 2670 Botany (4)

CHEM 310 Basic Organic Chemistry (3) or  
CHEM 315 Organic Chemistry I (4)

CHE 2530 Organic Chemistry I (4)

(see Alfred University catalog for additional choices)