

**PROGRAM ARTICULATION AGREEMENT**  
between  
**Environmental Science and Ecology Department, The College at Brockport**  
and  
**Jamestown Community College**

**I. INTRODUCTION AND OBJECTIVES**

In compliance with the State University of New York's transfer policy, the document herewith has been drafted between Jamestown Community College and The College at Brockport's Environmental Science and Ecology Department. The intent is to facilitate graduates of Jamestown Community College's Associate in Science (AS) Environmental Science, AS Liberal Arts and Sciences: Math & Science, and AS Biotechnology degree programs transferring to The College at Brockport and adopting the Bachelor of Science (BS) Environmental Science major.

Note that this agreement does not guarantee admission to the BS Environmental Science major or to The College at Brockport.

**II. TRANSFER TO THE COLLEGE AT BROCKPORT**

The number of hours to be transferred and the allocation of such hours shall be determined by the following policies:

**A. Total Transfer Credit**

**1. From two-year colleges.**

- a. Students holding an approved associate degree from a regionally accredited college may transfer up to 64 credits. Such students will automatically be granted at least 60 credits and junior status. Some students may need more than 60 additional credits to complete the baccalaureate degree requirements depending on previous courses and the major and other academic programs selected at The College at Brockport.
- b. Students without an associate degree from a regionally accredited college may transfer up to 64 credits and be granted junior status.
- c. Transfer students who alter their educational plans after acceptance by The College at Brockport should be aware that some students may need more than 60 additional credits to complete baccalaureate degree requirements, depending upon previous coursework and upon the major and other academic programs selected at The College at Brockport.

- 2. From four-year colleges.** A total of 90 credits may be accepted for transfer from any regionally accredited four-year college or university.

**B. General Education Requirements for All Students Effective Fall 2011**

<b>Direct Entry/Transfers with less than 24 credits prior to matriculation</b>	<b>Transfers with 24 or more credits who have not completed SUNY GE requirements prior to matriculation</b>	<b>Transfers who have completed SUNY GE requirements prior to matriculation – considered done except for local requirements</b>
Math ( <i>required</i> )	Math ( <i>required</i> )	Math ( <i>required</i> )
Basic Communication ( <i>required</i> )	Basic Communication ( <i>required</i> )	Basic Communication ( <i>required</i> )
Natural Science (N or L)	Natural Science (N or L)	<b>Any 5 of the following 8:</b>
Natural Science (L)	Social Science (S)	Natural Science (N or L)
Social Science (S)	Humanities (H)	Social Science (S)
Social Science (S)	Fine Arts (F or P)	American History (V)
Humanities (H)	Foreign Language (111 level)	Western Civilization (G)
Humanities (H)		Other World Civilizations
Fine Arts (F or P)		Humanities (H)
Fine Arts (P)		Fine Arts (F or P)
Foreign Language (111 level)		Foreign Language (111 level)
At least 30 credits	At least 30 credits	At least 30 credits
<b>Local Requirements</b>	<b>Local Requirements</b>	<b>Local Requirements</b>
Contemporary Issues (I)	Contemporary Issues (I)	Contemporary Issues (I)
Perspectives on Gender (W)	Perspectives on Gender (W)	Perspectives on Gender (W)
Computer Competency	Computer Competency	Computer Competency
Oral Communication (Y)	Oral Communication (Y)	Oral Communication (Y)
Diversity (D) or Other World Civ. (O)		

**III. CONSIDERATION FOR TRANSFER TO THE ENVIRONMENTAL SCIENCE AND ECOLOGY DEPARTMENT**

- A. To qualify for admission to the BS Environmental Science major at The College at Brockport, Jamestown Community College graduates must: submit a successful application and official transcript to The College at Brockport’s Office of Undergraduate Admissions no later than May 1 for fall admission and November 1 for spring admission.
- B. Students who graduate with the AS Environmental Science, AS Liberal Arts and Sciences: Math & Science, or AS Biotechnology degree programs from Jamestown Community College will be able to earn the BS Environmental Science degree in four semesters at The College at Brockport, given completion of the following JCC courses: BIO 1550, BIO 1570, BIO 1580, CHE 1550, CHE 1560, CHE 2530, and GLG 1510. In addition, completion of a 4-credit Ecology course with lab (not currently offered at Jamestown Community College) prior to enrolling at The College at Brockport is strongly recommended.

C. Jamestown Community College students should note that a minimum grade of C- is required in BIO 1550, BIO 1570, and BIO 1580 if these courses are to be granted equivalency for The College at Brockport core curriculum requirements in ENV 202 and ENV 204, as a minimum grade of C- is required in these courses for Environmental Science majors at The College at Brockport.

**JCC Courses and Equivalent Brockport BS Environmental Science Core Curriculum Courses:**

<u>JCC Course</u>	<u>Brockport Core Curriculum Equivalent</u>
BIO 1550 Introduction to Environmental Science 4 cr	ENV202 Environmental Science 4 cr
BIO 1570 – Principles of Biology I w/lab 4 cr (or BIO 1575 Biology: A Molecular Approach 4 cr)	ENV204 - Biology of Organisms 4 cr
<i><u>and</u></i>	
BIO 1580 – Principles of Biology II w/lab 4 cr (or BIO 2660 <u>and</u> BIO 2670 8 cr)	
CHE 1550 - College Chemistry I w/lab 4 cr	CHM205 - College Chemistry I 4 cr
CHE 1560 - College Chemistry II w/lab 4 cr	CHM206 - College Chemistry II 4 cr
GLG 1510 - Physical Geology w/lab 4 cr	GEL201 - Physical Geology 4 cr

**Other JCC Courses and Equivalent Courses for Various Brockport BS Environmental Science Tracks:**

<u>Jamestown CCC Course</u>	<u>Brockport Track Equivalent</u>
CHE 2530 - Organic Chemistry I w/lab 4 cr	<sup>1</sup> CMH305 - Organic Chemistry I 4 cr
CHE 2540 - Organic Chemistry II w/lab 4 cr	<sup>2</sup> CHM306 - Organic Chemistry II 4 cr
PHY 1610 - General Physics I w/lab 4 cr	<sup>3</sup> PHS205 – Introduction to Physics I
PHY 1710 - Analytical Physics I w/lab 4 cr	<sup>4</sup> PHS235 - Physics I 4 cr

<sup>1</sup>Corequisite course for the Aquatic Ecology/Biology, Terrestrial Ecology/Biology, Combined Aquatic And Terrestrial Ecology/Biology, Wetland Ecology, and Earth Science (one of three choices) Tracks

<sup>2</sup>Required for the Environmental Chemical Analysis Track

<sup>3</sup>Corequisite course for the Earth Science Track (one of three choices)

<sup>4</sup>Corequisite course for the Earth Science Track (one of three choices)

Jamestown Community College students who are in the AS Environmental Science degree program should note that these Jamestown Community College program core requirements will transfer to The College at Brockport as electives, but will not meet requirements for completing the major in Environmental Science:

ANT/BIO/CMM 2600 Planet Earth: Critical Topics *or* BIO/PHL 2570 Environmental Issues & Ethics

BIO 2550 Conservation Biology

**Brockport Local Graduation Requirements that can be completed at JCC:**

**Contemporary Issues**

ANT/BIO/CMM 2600 Planet Earth: Critical Topics 3 cr or

BIO/PHL 2570 Environmental Issues and Ethics 3 cr or

PHL 2630 Contemporary Moral Problems 3 cr or

PHL 2720 Biomedical Ethics 3 cr

**Perspectives on Women**

PSY 2570 Human Sexuality 3 cr or

SOC 2510 Marriage and the Family 3 cr

**Other Local Requirements**

As indicated above, additional local requirements include a computer competency.