

PROGRAM ARTICULATION AGREEMENT

between

Biology 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 Biology Department. The intent is to facilitate students of Jamestown Community College transferring to The College at Brockport and adopting the Biology major, and to also suggest additional coursework at Jamestown Community College for students who plan to pursue within the Biology major at The College at Brockport a concentration in Pre-Health Professional (Medicine, Dentistry, Veterinary, Health Careers) or in Biotechnology.

II. TRANSFER TO SUNY 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 associate degree from Jamestown Community 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. However, students who transfer at least seven of the ten SUNY general education requirements and who have successfully completed the prerequisite courses listed below will be able to earn the B.S. Biology within four semesters 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.

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 Transfer Students.

1. Requirements for students transferring 24 and more credits:

- a. Such students must complete the ten SUNY general education knowledge and skills areas in Basic Communications, Humanities, Social Science, Natural Science, Mathematics, Foreign Language, and Fine Arts to graduate from The College at Brockport.
- b. Such students must also complete one Perspectives on Gender course, a Contemporary Issues course, and an Oral Communication course.

2. Requirements for students transferring fewer than 24 credits.

Such students will be required to meet all Brockport general education requirements for freshman students, which includes all general education requirements listed in 1.above plus an additional Fine Arts, an additional Social Science, an additional Humanities, and an additional Natural Science course. In addition, students will be required to complete a Diversity or Other World Civilizations course. Transfer credits may be used to fulfill all requirements.

III. CONSIDERATION FOR TRANSFER TO THE DEPARTMENT OF BIOLOGY

To qualify for admission to the Biology major at the College at Brockport, Jamestown Community College graduates must:

- A. Submit a successful application and official transcript to Brockport's Office of Undergraduate Admissions no later than August 1 for fall admission and January 4 for spring admission; and
- B. Have completed the following prerequisite courses at Jamestown Community College:

BIO 1570 (or BIO 1575), BIO 1580 (or BIO 2660 and BIO 2670), BIO 2560, BIO 2800, CHE 1550, CHE 1560, CHE 2530, and MAT 1710.

Please note that this agreement does not guarantee acceptance by The College at Brockport or The College at Brockport's Biological Sciences Department.

**PREREQUISITE, CO-REQUISITE, AND MAJOR COURSES FROM JAMESTOWN COMMUNITY
COLLEGE AND THE CORRESPONDING COURSES AT THE COLLEGE AT BROCKPORT**

Prerequisite courses required before matriculation in the Biology major at The College at Brockport:

Jamestown Community College Course

BIO 1570 Principles of Biology I
(or BIO 1575 Biology: A Molecular Approach)
BIO 1580 Principles of Biology II
(or BIO 1660 Zoology and BIO 1670 Botany)

BIO 2560 Genetics
BIO 2800 Cell Biology
CHE 1550 College Chemistry I
CHE 1560 College Chemistry II
CHE 2530 Organic Chemistry I
CHE 2540 Organic Chemistry II
MAT 1710 Calculus and Analytic Geometry I

The College at Brockport Equivalent Course

BIO 201 Biology I

BIO 202 Biology II
(or BIO 202: Biology II and 4 credits of Biology
electives)
BIO 302 Genetics
BIO 315 Cell Biology
CHM 205 College Chemistry I
CHM 206 College Chemistry II
CHM 305 Organic Chemistry I
CHM 306 Organic Chemistry II
MTH 201 Calculus I

Strongly suggested additional courses for a concentration in Pre-Health Professional (Medicine, Dentistry, Veterinary, Health Careers) or in Biotechnology (1-2 of the following):

Jamestown Community College Course

BIO 2531 & BIO 2532 Microbiology & Lab
BIO 2510 Anatomy & Physiology I
BIO 2520 Anatomy & Physiology II

The College at Brockport Equivalent Course

BIO 323 Microbiology
BIO 321 Anatomy and Physiology I
BIO 322 Anatomy and Physiology II

Other suggested courses for all students in the Biology major:

Jamestown Community College Course

PHY 1610 General Physics I
(or PHY 1710 Analytical Physics I)
PHY 1620 General Physics II
(or PHY 2710 Analytical Physics II)

The College at Brockport Equivalent Course

PHS 205 Introduction to Physics I with lab

PHS 210 Introduction to Physics II with lab

Jamestown Community College Courses Approved for Brockport's Distinctive General Education Requirements

Diversity (choose any one course):

ANT 2510 Indigenous Peoples of North America
ENG 2550 American Literature before Civil War
ENG 2560 American Literature since Civil War
HIS 1530 US History I Before 1865
HIS 1540 US History II Since 1865
POL 1510 American Politics
SOC 2510 Marriage and the Family
SOC 2520 Social Problems
SOC 2580 Race and Ethnicity

Perspectives on Gender (choose any one course):

BIO 1730/173 Origin, Creation, & Evolution Not Found*

ENG 2560/256 American Literature since Civil War

HUS 1320/132 Women and Addiction Not Found*

POL 255 Not Found*

PSY 2570/257 Human Sexuality

PSY 2710/271 Transpersonal Psychology

SOC 2510/251 Marriage and the Family

*If the course title is listed as "Not Found," this course is no longer offered, although if taken previously, will still meet the requirement.

Contemporary Issues (choose any one course)

ANT/BIO/CMM 2600 Planet Earth: Critical Topics

BIO/PHL 2570 Environmental Issues and Ethics

PHL 2630 Contemporary Moral Problems

PHL2720 Biomedical Ethics