

ARTICULATION AGREEMENT
IN ENVIRONMENTAL SCIENCE
BETWEEN
JAMESTOWN COMMUNITY COLLEGE
AND
ALLEGHENY COLLEGE

PURPOSE OF AGREEMENT

This document establishes a transfer articulation agreement between Jamestown Community College and Allegheny College. 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.) Environmental Science degree program at Jamestown Community College to the Bachelor of Science (B.S.) Environmental Science degree program at Allegheny College.

GENERAL GUARANTEE OF ADMISSION AND STANDING

Students who graduate from Jamestown Community College with an A.S. Environmental Science degree are guaranteed acceptance into the B.S. Environmental Science degree program at Allegheny College provided they have a minimum Jamestown Community College cumulative grade point average (GPA) of 2.8.

Students who transfer 60 or more eligible Jamestown Community College credit hours to Allegheny College will have junior standing. Eligible credit hours include those from courses designated by Jamestown Community College as non-imputed credit (non-remedial) Liberal Arts and Sciences (non-career) courses for which a student has received a letter grade of C or better. Up to 20 credit hours from AP/CLEP/IB exams are also eligible for transfer if earned before the student matriculates at Jamestown Community College or any other college. No student may transfer more than a cumulative total of 64 credit hours to Allegheny College.

Applications from students who graduate from Jamestown Community College with an A.S. Environmental Science degree and whose cumulative grade point average is between 2.0 and 2.79 will be given serious consideration. However, their admission is not guaranteed.

GENERAL GUARANTEE OF OPPORTUNITY TO GRADUATE

Allegheny College will accept in transfer toward meeting requirements for the 128-credit B.S. Environmental Science degree any eligible courses up to a maximum of 64 total credit hours. This includes all courses listed in Appendix A for which the student earned a minimum grade of C. Jamestown Community College A.S. Environmental Science graduates who have earned a minimum grade of C for all courses listed in Appendix A will have the opportunity to earn the B.S. Environmental Science with 4 semesters of at least 16 credit hours and a minimum 2.0 cumulative GPA overall and a minimum 2.0 GPA in each of their major(s) and minor(s).

Appendix B provides information about current requirements for the B.S. Environmental Science degree. All Allegheny College students must complete a minor of at least 20 credits in addition to their major. Students who change their prospective major from Environmental Science after being admitted to Allegheny College may not be able to complete their program in four semesters.

Appendix A. Jamestown Community College/Allegheny College Course Equivalencies

JCC REQUIRED COURSE FOR A.S. ENVIRONMENTAL SCIENCE	credit hours	AC EQUIVALENT REQUIRED COURSE FOR B.S. ENVIRONMENTAL SCIENCE
BIO 1550 Introduction to Environmental Science	4	ENVSC 110 Introduction to Environmental Science
BIO 1570 Principles of Biology I (preferred by JCC) or BIO 1575 Biology: A Molecular Approach	4	BIO 221 Genetics, Development and Evolution or BIO 2TE Elective
BIO 1580 Principles of Biology II	4	BIO 220 Organismal Physiology and Ecology
BIO 2550 Conservation Biology	3	ENVSC 335 Conservation Biology
BIO/PHL 2570 Environmental Issues and Ethics or ANT/BIO/CMM 2600 Planet Earth: Critical Topics	3	ENVSC 2TE Elective
CHE 1550 College Chemistry I	4	CHEM 110 Principles of Chemistry I
CHE 1560 College Chemistry II	4	CHEM 112 Principles of Chemistry II
ECO 1530 Contemporary Economic Problems or ECO 2610 Macroeconomic Principles or ECO 2620 Microeconomic Principles	3	ECON 1TE 100-level equivalent or ECON 101 Introduction to Macroeconomics or ECON 100 Introduction to Microeconomics
ENG 1530 English Composition II	3	FS 102 Academic Discourse II *IF* paired with an oral communication course such as CMM 1610 Public Speaking. If not then ENGL 0TN.
ENG 1540 Writing About Literature	3	ENGL 110 Reading Literature
MAT 1600 Precalculus (or higher numbered course)*	4	MATH 159 Precalculus
Social Science Electives	3	Variable, depending on courses
Program Core Electives – Choose 12 credits from among: BIO 1830 SURI Environmental I (4 credit hours)	12	ENVSC 2TE Elective

BIO 2013 Environmental Internship I (variable)		Variable, depending on content
BIO 2023 Environmental Internship II (variable)		Variable, depending on content
BIO 2531/2532 Microbiology/Microbiology Lab (4)		BIO 310 Microbiology
BIO 2560 Genetics (4)		BIO 325 Genetics
BIO 2620 Tropical Biology (3)		ENVSC 3TE Elective
BIO 2660 Zoology (4)		BIO 3TE Elective
BIO 2670 Botany (4)		BIO 3TE Elective
BIO 2830 SURI Environmental II (4)		ENVSC 3TE Elective
Electives (must be SUNY General Education-category specific to meet requirements for the A.S. Environmental Science)	6	Variable, depending on courses

*JCC A.S. Environmental Science graduates who plan to earn the B.S. Environmental Science in four semesters at Allegheny College must fulfill this requirement with MAT 1710 Calculus and Analytic Geometry I (equivalent to MATH160 Calculus I at Allegheny College) or with MAT 1630 Calculus for Business and Social Science I (equivalent to MATH 157 Calculus I for Social/Life Sciences at Allegheny College).

Appendix B. Allegheny College B.S. Environmental Science Requirements

The Environmental Science major requires 64 credits as follows:

- [ENVSC 110 – Introduction to Environmental Science](#)
- [ENVSC 210 – Environmental Research Methods](#)
- [FSENV 201 – Environmental Problem Analysis](#)

Electives:

Select **one** course from this list (4 credits):

- [ENVSC 250 – Environmental Education](#)
- [ENVSC 340 – World Regional Geography](#)
- [ENVSC 350 – Ecological Economics](#)
- [ENVSC 352 – Environmental Justice](#)
- [ENVSC 380 – Climate and Energy Policy](#)
- [ENVSC 425 – Global Health Transitions](#)
- [HIST 318 – Environmental Thought in Modern Europe](#)

- [ENGL 209 – Literature About the Environment](#)
- [ENVSC 360 – Religion and Ecology](#) **OR**
- [RELST 360 – Religion and Ecology](#)

Math Requirement:

Select **one** course from this list (4 credits):

- [MATH 157 – Calculus I for Social/Life Sciences](#)
- [MATH 158 – Calculus II for Social/Life Sciences](#)
- [MATH 160 – Calculus I](#)
- [MATH 170 – Calculus II](#)

Foundation Courses:

Select **five** courses from this list (20 credits):

- [BIO 220 – Organismal Physiology and Ecology](#)
- [BIO 221 – Genetics, Development and Evolution](#)
- [FSBIO 201 – Investigative Approaches in Biology](#)
- [CHEM 120 – Chemical Concepts 1](#)
- [CHEM 122 – Chemical Concepts 2](#)
- [ENVSC 305 – Environmental GIS I](#)
- [GEO 110 – Physical Geology](#)
- [FSGEO 201 – Field Geology](#)
- [PHYS 101 – Fundamentals of Physics I](#)
- [PHYS 102 – Fundamentals of Physics II](#)

Advanced Courses:

Select **three** courses from this list (12 credits):

- [BIO 310 – Microbiology](#)
- [BIO 330 – Population and Community Ecology](#)

- [BIO 332 – Forest Ecosystems and Management](#) **OR**
- [ENVSC 332 – Forest Ecosystems and Management](#)

- [BIO 335 – Conservation Biology](#) **OR**
- [ENVSC 335 – Conservation Biology](#)

- [BIO 344 – Stream Ecology](#) **OR**
- [ENVSC 344 – Stream Ecology](#)

- [BIO 346 – Wetlands](#) **OR**
- [ENVSC 346 – Wetlands](#)

- [BIO 360 – Plant Physiology](#)
- [BIO 370 – Insect Ecology and the Environment](#) **OR**
- [ENVSC 370 – Insect Ecology and the Environment](#)

- [BIO 385 – Biostatistics](#)
- [BIO 580 – Junior Seminar](#) The following Biology junior seminars are acceptable: Stream Ecology, Animal Behavior, Limnology, Environmental Microbiology.

- [CHEM 222 – Inorganic Chemistry](#)
- [CHEM 231 – Organic Chemistry I: Form and Function](#)
- [ENVSC 415 – Environmental Health](#)
- [GEO 310 – Process Geomorphology](#)
- [GEO 400 – Hydrogeology](#)
- [GEO 430 – Geochemistry](#)

Junior Seminar:

- [ENVSC 585 – Junior Seminar: Sustainable Development](#)

Senior Project:

8 credits:

- [ENVSC 600 – Senior Project I](#)
- [ENVSC 610 – Senior Project II](#)