

## **SUNY Fredonia-Jamestown Community College Articulation Agreement in Environmental Sciences**

By this agreement, students who complete an Associate in Science (AS) degree at Jamestown Community College are guaranteed admission with full junior standing to the Bachelor of Science (BS) in Interdisciplinary Studies: Environmental Sciences degree program at SUNY Fredonia. By completing at least 60 JCC credits of coursework from Appendix A, including a minimum of 7/10 SUNY-Approved General Education Requirements and also including other designated courses, such students should be able to complete their BS degree at SUNY Fredonia within 4 additional full-time semesters, taking 15-18 credits per semester. SUNY Fredonia will accept all 72-73 JCC credits listed in Appendix A in transfer toward fulfillment the requirements for the BS Environmental Sciences degree.

**GPA Criterion:** To be guaranteed admission, students must have a cumulative GPA, from all colleges attended, of 2.5 or higher.

**College Core Curriculum:** To graduate with a baccalaureate degree from SUNY Fredonia, students must meet the requirements of SUNY Fredonia's College Core Curriculum (CCC). The CCC includes one course from each of the 10 SUNY General Education Categories plus additional coursework stipulated in the Fredonia catalog. To assist JCC students in preparing for their baccalaureate degree at SUNY Fredonia, the additional CCC requirements are summarized below:

- 1) Students are required to complete 2 courses, with 2 different prefixes, in the social sciences. Only one course may be from business administration, education, history, communication, or speech. For the Environmental Sciences degree, one course will be completed with ECO 2620 Microeconomic Principles.
- 2) Students are required to complete 2 courses, with two different prefixes, in the natural sciences. For the Environmental Sciences degree, this will be completed through the major.
- 3) The CCC includes a speaking intensive requirement. This will be fulfilled if students complete the SUNY General Education basic communication requirement at JCC.

## APPENDIX A – JCC/SUNY FREDONIA EQUIVALENT COURSES

### Environmental Sciences

<b>Jamestown CC Courses</b>	<b>SUNY Fredonia Equivalent Courses</b>
ENG 1530 English Composition II (SUNY-Approved Basic Communication) <sup>1</sup> (3 credit hours)	ENGL 100 College Composition (CCC Basic Written Communication requirement) (3 credit hours)
ENG 1540 Writing about Literature (SUNY-Approved Humanities) (3)	ENGL 099 Non-Major Transfer Elective (3)
Social Sciences - 2 courses in 2 different disciplines: (6)  1) ECO 2620 Microeconomic Principles (SUNY-Approved Social Sciences) <sup>1</sup> <b>AND</b> 2) an additional social science course outside of economics	Social Sciences - 2 courses in 2 different disciplines: (6) (CCC requirement)  1) ECON 202 Principles of Microeconomics <b>AND</b> 2) an additional social science course outside of economics
Any SUNY-Approved Foreign Language (3-4)	Foreign Language (CCC requirement)
Any SUNY-Approved The Arts (3)	The Arts (CCC requirement)
ANY SUNY-Approved American History (3)	American History (CCC requirement)
Any SUNY-Approved Western Civilization (3)	Western Civilization (CCC requirement)
Any SUNY-Approved Other World Civilizations <sup>2</sup> (3)	World History or Non-Western Civilization (CCC requirement)
ANT/BIO/CMM 2600 Planet Earth: Connecting Critical Topics (3) <b>OR</b> BIO/PHL 2570 Environmental Issues & Ethics <sup>2</sup> (3)	Environmental Policy/History/Ethics course (core requirement)
BIO 1570 Principles of Biology I (SUNY-Approved Natural Sciences) <sup>1</sup> (4)	BIOL 133/134 Principles of Biology II & Lab (4) (core requirement)
BIO 1580 Principles of Biology II (OR BIO 2670 Botany) <sup>1</sup> (4)	BIOL 131/132 Principles of Biology I & Lab (4) (core requirement)
BIO 2660 Zoology <sup>1</sup> (4)	BIOL 243/244 Biodiversity & Lab (4) (core requirement)
CHE 1550 College Chemistry I (SUNY-Approved Natural Sciences) <sup>1</sup> (4)	CHEM 115/125 General Chemistry I & Lab (4) (core requirement)
CHE 1560 College Chemistry II <sup>1</sup> (4)	CHEM 116/126 General Chemistry II & Lab (4) (core requirement)
CHE 2530 Organic Chemistry I <sup>1</sup> (4)	CHEM 215/225 Organic Chemistry I & Lab (4) (core requirement)
GLG 1510 Physical Geology (SUNY-Approved Natural Sciences) <sup>1</sup> (4)	GEO 165/169 Geology I & Lab (4) (core requirement)

MAT 1540 Elementary Statistics (SUNY-Approved Math) (3)	STAT 250 Statistics for Scientists (core requirement) (3)
MAT 1710 Calculus and Analytic Geometry I (SUNY- Approved Math) (4)	MATH 122 University Calculus I (core requirement)
MAT 1720 Calculus and Analytic Geometry II (4)	MATH 123 University Calculus II (core requirement)
PHY 1610 General Physics I (SUNY-Approved Natural Sciences) (4) <b>(OR</b> PHY 1710 Analytical Physics I) (4) (SUNY- Approved Natural Sciences)	PHYS 121/123 College Physics I  <b>(OR</b> PHYS 230/232 University Physics I) (core requirement)

<sup>1</sup>Students must include these courses, and a minimum of 7/10 SUNY-Approved General Education Requirements, among their 60-73 transfer credits to enhance their opportunity to complete the BS Environmental Sciences degree at SUNY Fredonia in four additional full-time semesters

<sup>2</sup>BIO/PHL 2570 transfers as equivalent to SUNY Fredonia ESCI 105 Global Environmental Issues, which also fulfills the SUNY Other World Civilizations General Education Requirement