

Fredonia – Jamestown Community College
Articulation Agreement in Geology

By this agreement, students who complete an Associate in Science (AS) degree at Jamestown Community College (JCC) are guaranteed admission with full junior standing to the Bachelor of Science (BS) Geology degree program at Fredonia. By completing the AS degree, a minimum of 54 credit hours of coursework listed in Tables 1-2, and at least seven of the ten SUNY General Education (GER) requirements at JCC, such students should be able to complete the BS Geology degree at Fredonia within four additional full-time semesters, taking 15-18 credits per semester. Fredonia will accept up to 75 total credits from courses listed in Tables 1-2 and courses transferred as additional electives toward fulfillment of the requirements for the BS Geology degree.

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

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

- 1) Students are required to complete two courses, with two different prefixes, in the social sciences.
- 2) Students are required to complete two courses, with two different prefixes, in the natural sciences.
- 3) The CCC includes an oral communication requirement. This is covered by meeting the SUNY General Education basic communication requirement, which is fulfilled by ENG 1530 at JCC.

Baccalaureate degree requirements are stated in the Fredonia college catalog. Minimum requirements for a Fredonia degree include

- 1) 120 unduplicated credit hours,
- 2) a cumulative quality point average of 2.0 (requirements may vary by major),
- 3) 66 credits from disciplines other than the major discipline, and
- 4) 45 upper level (300 and above) credit hours.

Table 1. BS Geology Requirements

Jamestown Community College	Fredonia
	Core Program
GLG 1510 Physical Geology (4 credit hours)	GEO 165/169 Geology I/General Geology Lab (4 credit hours)
GLG 1520 Historical Geology (4)	GEO 210 Geology II (4)
	GEO 330 Geomorphology (4)
	GEO 345 Paleontology (4)
	GEO 370 Structural Geology (4)
	GEO 400 Stratigraphy (4)
	GEO 411 Mineralogy (4)
	GEO 421 Petrology (4)
	GEO 459 Seminar in Geosciences (1)
	GEO 461 Field Geology (3-4) (capstone experience)
	One 3xx/4xx upper level lab elective (geo course with lab, or course in GIS) (4)
	Successful completion of GEO 330, 370, 400 and 421 fulfills the Writing Intensive requirement
MAT 1630 Calculus for Business and Social Science I or MAT 1710 Calculus and Analytic Geometry I (3-4)	MATH 120 Survey of Calculus I or MATH 122 University Calculus I (3-4)
MAT 1640 Calculus for Business and Social Science II or MAT 1720 Calculus and Analytic Geometry II (3-4)	MATH 121 Survey of Calculus II or MATH 123 University Calculus II (3-4)
CHE 1550 College Chemistry I (4)	CHEM 115/125 General Chemistry I (4)
CHE 1560 College Chemistry II (4)	CHEM 116/126 General Chemistry II (4)
PHY 1610 General Physics I or PHY 1710 Analytical Physics I (4)	PHYS 121/123 College Physics I or PHYS 230/232 University Physics I (4-5)
PHY 1620 General Physics II or PHY 2710 Analytical Physics II (4)	PHYS 122/124 College Physics II or PHYS 231/233 University Physics II (4-5)
MAT 1540 Elementary Statistics (3)	A course in statistics at the 200 level or higher (3)

GEO 102 Freshman Seminar (1credit) is waived.

Table 2. CCC Requirements

Jamestown Community College	Fredonia
SUNY GER Math (Fredonia BS Geology degree requirements will fulfill this requirement)	SUNY GER Math (Fredonia BS Geology degree requirements will fulfill this requirement)
SUNY GER Natural Sciences (Fredonia BS Geology degree requirements will fulfill this requirement)	SUNY GER Natural Sciences (Fredonia BS Geology degree requirements will fulfill this requirement)
SUNY GER Social Sciences (3)	SUNY GER Social Sciences (3)
SUNY GER American History (3)	SUNY GER American History (3)
SUNY GER Western Civilization (3)	SUNY GER Western Civilization (3)
SUNY GER Other World Civilizations (3)	SUNY GER Other World Civilizations (3)
SUNY GER Humanities (ENG 1540 Writing About Literature will fulfill this requirement) (3)	SUNY GER Humanities (3)
SUNY GER Arts (3)	SUNY GER Arts (3)
SUNY GER Foreign Language (3)	SUNY GER Foreign Language (3)
SUNY GER Basic Communication (ENG 1530 College Composition I will fulfill this requirement) (3)	SUNY GER Basic Communication (3)
Fredonia Social Sciences second prefix requirement (3)	Fredonia Social Sciences second prefix requirement (3)
Fredonia Natural Sciences second prefix requirement (Fredonia BS Geology degree requirements will fulfill this requirement)	Fredonia Natural Sciences second prefix requirement (Fredonia BS Geology degree requirements will fulfill this requirement)