

SUNY Fredonia – Jamestown Community College

Articulation Agreement in Early Childhood Education/Childhood Education

By this agreement, students who complete the Associate of Science in Liberal Arts and Sciences: Teacher Education Transfer at Jamestown Community College will be guaranteed admission with full junior standing to the Bachelor of Science in Education degree. Students will need to choose one of the following certification areas:

Early Childhood Education (Birth – Grade 2),

Childhood Education (Grade 1- Grade 6)

Childhood Education/ Middle School Extension (Grades 1-6; subject area 7-9)

Students may be able to complete their Baccalaureate Degree at Fredonia within 4 additional semesters depending on the concentration selected and/or completing the middle school extension.

GPA Criteria: To be guaranteed admission, students must have a cumulative GPA of a 2.75 or higher.

SUNY General Education Categories: This is referred to as the College Core Curriculum (CCC) at Fredonia. Students will complete all 10 SUNY Gen Ed courses as part of their AS degree. Furthermore:

- 1) Students are required to complete 2 courses in two different prefixes in the social sciences.
- 2) Students are required to complete 2 courses in two different prefixes in the natural sciences to total 7 credits.
- 3) The CCC includes a speaking intensive requirement. This will be fulfilled if students complete the basic communication requirement at JCC.
- 4) The CCC also includes a 6 credit upper-level requirement which will be waived for students completing a certification program

Foreign Language Requirement

All education majors are required to demonstrate competence in a foreign language. This requirement must be satisfied in any one of the following ways:

1. Completion of coursework at the 116 level at Fredonia (1520 level at JCC).
2. Transferring of two successful college semesters: (JCC: FRE 1510-1520, or SPAN 1510-1520). Students may also transfer in 2 semesters of college credit Sign Language to fulfill this requirement.
3. Scoring a 50 or higher on the CLEP exam
4. Completion of three years of high school language with a passing New York State Regents exam score at 85 or above.

Education Courses

JCC

EDU 1510 Foundations of Education

EDU 2210 Field Placement I*

EDU 2450 Exceptional Child*

EDU 2460 Except. Child Field Exp.*

PSY 2520 Child Development

MAE 8500 Math for Elem Tchrs

PHY 7500 Understanding Physics

SUNY Fredonia

EDU 099 Non-Major Elective

EDU 105/106 Intro to Contemporary Ed w/
field placement

EDU 250 Intro Except Learner

EDU 251 Intro Except Learner Field Exp.

EDU 225 Developmental Psychology

MAED 301 Math for School Teachers I

PHYS 1TR 100 level Physics elective – to count
towards the natural science lab requirement

*These courses will be accepted as the equivalent Fredonia equivalents as long as the field experience component has been completed in compliance with New York State requirements. See SUNY Fredonia Field Experiences Handbook for details.

Requirements for Early Childhood Program

JCC

EDU 2440 Children's Lit

EDU 2150 Infant & Toddler Dev*

SUNY Fredonia

EDU 214 Children's Lit

EDU 312 Infant Toddler Care & Educ

Requirements for Middle School Extension

JCC

PSY 2550 Psychology of Adolescence

SUNY Fredonia

EDU 224 Adolescent Development

*These courses will be accepted as the equivalent Fredonia equivalents as long as the field experience component has been completed in compliance with New York State requirements. See SUNY Fredonia Field Experiences Handbook for details.

Concentration

Each student graduating from a New York State registered teacher education program must complete a liberal arts concentration. Transfer students should determine concentration areas prior to transferring and should complete as much of their concentration as possible at JCC. All concentrations must include 18 credits at the 300/400 level.

Fredonia concentrations include:

Art 30 hours	Chemistry 34 hours
English 30 hours (MS 36)	Earth Science 32-33 hours
French 30 hours (MS 36)	Physics 35-37 hours
Math 34-36 hours (MS41-43)	Social Studies 33 hours (MS 39)
Music 32 hours	Spanish 30 hours (MS 36)

Biology 33 hours

*(MS=Middle School Extension credit hour requirement)

The following courses are currently accepted in the concentrations:

Art Concentration

ART 1510= ART 150 Drawing I
ART 1530 = ART 155 2-Dimensional Design
ART 1550 = ART 115 Art in Culture to 1400
ART 1560= ART 116 Art in Culture from 1400
Middle School extension is not available for art

English Concentration

A minimum of 15 credits of required English courses must be completed at Fredonia. The following JCC courses have SUNY Fredonia equivalents that can apply to the English concentration at the 300 level. Students are encouraged to complete 5 of the following courses:

Students are highly encouraged to complete the following:

ENG 2650=ENGL 355 Adolescent Literature

Students should select electives from the following options:

ENG 2550=ENGL 332 Am Romanticism in Lit
ENG 2560=ENGL 334 Realism/Naturalism in American Lit
ENG 2610=ENGL 320 Restoration & 18th Cent
ENG 2620=ENGL 326 Victorian & Early Mod Lit
ENG 2730=ENGL 324 Myth & Symbol in Lit
ENG 2870=ENGL 408 Arthurian Lit
ENG 2890=ENGL 378 Advanced Writing

Middle School Extension: Students must complete a minimum of 18 credits in English at Fredonia. Students may transfer in 18 credits, including no more than 6 hours at the 200 level.
ENG 2650=ENGL 355 Adolescent Literature

French Concentration

FRE 2510=FREN 215 Intermediate French I
FRE 2520=FREN 216 Intermediate French II

Math Concentration

MAE 8500=MAED 301 Math for School Teachers I

MAT 1670=MATH 210 Discrete Math*

MAT 1630 =MATH 120 Survey of Calc I **and**

MAT 1640=MATH 121 Survey of Calc II

OR

MAT 1710=MATH 122 University Calc I **and**

MAT 1720=MATH 123 University Calc II

MAT 1540=STAT 200 Fundamentals of Stats

*Transfer credit will be evaluated on a case-by-case basis. Generally, students earning a B or better in MAT 1670 will not have to take MATH 210 at Fredonia.

Middle School Extension:

MATH 2670=MATH 231 Linear Algebra

Music Concentration

Students should take courses to enhance their proficiency in piano, guitar, and in their applied instrument.

SCIENCE CONCENTRATIONS:

Biology Concentration

BIO 1580=BIOL 131/132 Principles of Biology I w/lab **OR**

BIO 1670=BIOL 131/132 Principles of Biology I w/ lab

BIO 1570=BIO 133/134 Principles of Biology II w/ lab

BIO 1660=BIOL 243/244 Biodiversity w/lab

BIO 1500=BIOL 110 Human Biology

And 6 credits from the following:

BIO 1730=BIOL 351 Evolution

BIO 2520=BIOL 336 Mammalian Physiology

BIO 2530=BIOL 338 Microbiology

BIO 2540=BIOL 343 Conservation

BIO 2640=BIOL 446 Animal Behavior

Chemistry Concentration

CHE 1550= CHEM 115/125 Gen Chem I

CHE 1560=CHEM 116/126 Gen Chem II

CHE 2530=CHEM 215/225 Organic I

CHE 2540=CHEM 216/226 Organic II

CHE 2510=CHEM 317/327 Analytical I

Geoscience Concentration

GLG 1510=GEO 165/169 Geology I

GLG 1520=GEO 210 Geology II

MET 1510 will be accepted as a course in the concentration in lieu of GEO 160

Physics Concentration

PHY 2720=PHYS 234 Modern Phys (substitution for PHYS 101)

OR

PHY 7500=PHYS 1TR 100 Level Physics Elective (substitution for PHYS 101)

PHY 1610=PHYS 121/123

PHY 1620=PHYS 122/124

EITHER

MAT 1710=MATH 122 Univ Calc I **AND**

MAT 1720=MATH 123 Univ Calc II

OR

MAT 1630=MATH 120 Survey of Calc I **AND**

MAT 1640=MATH 121 Survey of Calc II

Social Studies Concentration

HIS 1530=HIST 105 US Hist I

HIS 1540=HIST 106 US Hist II

Upper Level Political Science

POL 2530=POLI 371 Civil Rights & Liberties

One of the following:

HIS 1510=HIST 101 World Hist I

OR

HIS 1520=HIST 102 World Hist II

One of the following:

POL 1510=POLI 120 American Politics

OR

POL 1520=POLI 150 US & World Affairs

European History

POL 2860=POLI 348 European Union

American Minority Studies Requirement – 3 credits at 300 level

SOC 2580=SOC 316 Minority Groups

Students interested in the Middle School Extension should also take the following:

History or Political Science – 3 credits at 300 level

POL 2570 =POLI 322 New York Government **OR**

HUS 2250 = POLI 382 Social Welfare Policy

Spanish Concentration

SPA 2501=SPAN 215 Intermediate Spanish I

SPA 2520=SPAN 216 Intermediate Spanish II

SPA 2550=SPAN 317 Spanish Conversation

SPA 2530=SPAN 315 Introduction to Hispanic Lit

Duration of Agreement

This agreement will become effective in fall 2005 and shall be reviewed every two years, or earlier, if significant changes are made in either the two-year or the four-year program. Students are responsible for any changes to the college core curriculum or concentrations that may take place.