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) ¹
- Early Childhood/Childhood Education (Birth-Grade 2 & Grades 1-6) ²
- Childhood Education (Grades 1-6) ¹
- Childhood Inclusive Education (Grades 1-6 & Students with Disabilities Grades 1-6) ²
- Childhood Education with Middle School Extension (Grades 1-6 & Subject Area 7-9 in the subject areas of English, French, Math, Social Studies/History, or Spanish) ²
- Childhood Inclusive Education with Middle School Extension (Grades 1-6, Students with Disabilities Grades 1-6, Subject Area 7-9) ²

¹Students who choose one of these certification areas can generally complete their bachelor’s degree in four semesters at Fredonia.

²Students who choose one of these certification areas can generally complete their bachelor’s degree in five semesters at Fredonia.

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. Fredonia’s CCC is currently being reviewed. If any revisions occur, an addendum will be made to this agreement. 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.

Students must complete a minimum of 45 credits at Fredonia.
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*
AND
EDU 2460 Except. Child Field Exp.*
PSY 2520 Child Development
MAE 2510 Math for Elem Tchrs
PHY 1510 Understanding Physics

SUNY Fredonia
EDU 215 Education in American Society
EDU 105/106 Intro to Contemporary Inclusive Education/field placement
EDU 250 Intro Exceptional Learner
EDU 251 Intro Except Learner Field Exp.
EDU 225 Child Development
MAED 301 Math for School Teachers I
PHYS 1TR 100 level Physics elective – to count towards the natural science lab requirement

*These are field placement courses which are required for the baccalaureate degree at SUNY Fredonia. They will be accepted as the equivalent Fredonia course 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.

Additional Requirements for Early Childhood Program
JCC
EDU 2440 Children’s Lit
EDU 1300 Observ/Young/Child

SUNY Fredonia
EDU 214 Children’s Lit
EDU 221 Intro Early Childhood Curriculum

Additional 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 courses 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
- English 30 hours (MS 36)
- French 30 hours (MS 36)
- Math 34-36 hours (MS41-43)
- Music 34 hours
- Biology 33 hours
- Chemistry 34 hours
- Earth Science 32-33 hours
- Physics 35-37 hours
- Social Studies 33 hours (MS 39)
- Spanish 30 hours (MS 36)
- Middle School extension is not available for art

The following courses are currently accepted in the concentrations:

**Art Concentration (Art History)**
- ART 1510 = ARTS 105 Foundations in Drawing
- ART 1530 = ARTS 102 Foundations in 2D form & Content
- ART 1550 = ARTH 101 Art in Culture to 1400
- ART 1560 = ARTH 102 Art in Culture from 1400

Middle School extension is not available for art

**English Concentration**
Students may transfer up to 15 credits, including no more than 6 hours at the 200 level Fredonia equivalency.

- Recommended 200 level equivalency course:
  - ENG 2540 = ENGL 260 Creative Writing

The following JCC courses have SUNY Fredonia equivalents that can apply to the English concentration at the 300 level.

- Recommended courses include:
  - ENG 2550 = ENGL 332 Am Romanticism in Lit
  - ENG 2610 = ENGL 320 Restoration & 18th Cent
  - ENG 2620 = ENGL 326 Victorian & Early Mod Lit

- Additional courses that transfer as 300 level courses:
  - ENG 2560 = ENGL 334 Realism/Naturalism in American Lit
  - ENG 2730 = ENGL 324 Myth & Symbol in Lit
  - ENG 2830 = ENGL 412 Early Shakespeare
ENG 2870=ENGL 408 Arthurian Lit
ENG 2890=ENGL 378 Advanced Writing
ENG 8503=ENGL 3TR 300 Level Major Transfer Elect (Lit goes to hell)
ENG 8507=ENGL 3TR 300 Level Major Transfer Elect (The Gothic Novel)

**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. The following course is required for middle school extension:
ENG 2650=ENED 355 Adolescent Literature

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**Math Concentration**
MAE 2510 =MAED 301 Math for School Teachers I
MAT 1670=MATH 210 Math Structures & Proof*
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 in music theory and courses to enhance their proficiency in piano, guitar, and in their applied instrument. To best accomplish this, students should take the following:
MUS 1570/1580=MUS 123/124 Music Theory I & II
MUS 1930/1940=MUS 121/122 Aural Theory I & II
MUS 1670/1690=MUS 117/1TR Piano I and music elective
MUS 1680/1700=MUED 210/211 Beginning Guitar I/II
Private Lessons as determined by student
SCIENCE CONCENTRATIONS:

**Biology Concentration**
BIO 1580=BIOL 131/132 Principles of Biology I w/lab
BIO 1570=BIO 133/134 Principles of Biology II w/ lab

**BIO 2660=BIOL 243/244 Biodiversity w/lab**
BIO 1500=BIOL 110 Human Biology

And 6 credits from the following:
BIO 2520=BIOL 336 Mammalian Physiology
BIO 2530=BIOL 338 Microbiology
BIO 2550= BIOL 421 Biological Conservation
BIO 2640=BIOL 446 Animal Behavior
BIO 2800=BIOL 340 Cell and Subcellular Biology

**Chemistry Concentration**
CHE 1550= CHEM 115/125 Gen Chemistry I w/lab
CHE 1560=CHEM 116/126 Gen Chemistry II w/lab
CHE 2530=CHEM 215/225 Organic Chemistry I w/lab
CHE 2540=CHEM 216/226 Organic Chemistry II w/lab

The following courses transfers at the 300 level
CHE 2510=CHEM 317/327 Analytical Chemistry I w/lab

**Physics Concentration**
PHY 2720=PHYS 234 Modern Phys (substitution for PHYS 101)
    OR
PHY 1510=PHYS 101 Contemporary Physics for Non-Majors

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

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 take the following:
HIS 1530=HIST 105 US Hist I
HIS 1540=HIST 106 US Hist II
POL 1510=POLI 120 American Politics
HIST 1510 = HIST 101 World History I

The following also transfer towards middle school extension:
ECON 261 = ECON 201 Macroeconomics
POL 2530= POLI 371 Civil Rights and Liberties
GEO 1520 = SSED World Regional Geography

Spanish Concentration
SPA 2501=SPAN 215 Intermediate Spanish I
SPA 2520=SPAN 216 Intermediate Spanish II
SPA 2530=SPAN 315 Intro Hispanic Literature
SPA 2550=SPAN 317 Spanish Conversation