

# Fredonia – Erie Community College

## Articulation Agreement in Education:

### Early Childhood Education (Birth-Grade 2)

### Early Childhood/Childhood Education (Birth-Grade 2 & Grades 1- 6)

### Childhood Education (Grades 1-6)

### Childhood Inclusive Education (Grades 1-6 & Students with Disabilities Grades 1-6)

### Childhood Education with Middle School Extension (Grades 1-6 & Subject Area 7-9)

### Childhood Inclusive Education with Middle School Extension (Grades 1-6, Students with Disabilities Grades 1-6, Subject Area 7-9)

### Middle School Extension subject areas include: English, French, Math, Social Studies, Spanish

By this agreement, students who complete the Associate of Science in Liberal Arts and Sciences will be guaranteed admission with full junior standing to the Bachelor of Science in Education degree.

Students may be able to complete their Baccalaureate Degree at Fredonia within 4 additional semesters depending on the major and concentration. Students majoring in early childhood/childhood education, or students declaring a middle school extension or concentrating in earth science, French, music or Spanish may need additional time to complete their degree.

All programs and degree options in the College of Education lead to New York State Certification and are subject to the guidelines and mandates established by New York State. Additionally, all programs and degree options are held accountable to the Council for Accreditation of Educator Preparation (CAEP) standards. As such, any changes made by the New York State Board of Regents or CAEP have the potential to impact the requirements of the program. Undergraduate programs are reviewed each semester to check compliance with state certification and national accreditation requirements.

## Candidacy Information

In order to be fully admitted into any Initial Teacher Education Program, students must meet the following requirements:

1. Minimum cumulative GPA of 3.0
2. Proof of completion of SAT, ACT, or GRE
3. The equivalent of EDU 105 /106 Introduction to Contemporary Inclusive Education - with a grade of B or above (SS 212 at ECC)
4. The equivalent of EDU 225 Child Development - with a grade of B or above (PS 207 at ECC)

NOTE – If equivalent coursework is not completed, students may be admitted to their programs conditionally.

**SUNY General Education Categories:** The SUNY General Education requirements are referred to as the College Core Curriculum (CCC) at Fredonia. Furthermore:

- 1) Students are required to complete 2 courses with two different prefixes in the social sciences.
- 2) Students are required to complete 2 courses with two different prefixes in the natural sciences to total 7 credits.
- 3) The CCC includes an oral communication requirement. This will be fulfilled if students complete the basic communication requirement at Erie.

## 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 (111 level at ECC).
2. Transferring of two successful college semesters: (ECC: FR 110 & 111 or SP 110-111). Students may also transfer in 2 semesters of college credit Sign Language to fulfill this requirement (SL 110 & 111). If students plan to take sign language, they should complete both semesters at ECC since it is not offered on a regular basis at Fredonia.
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 or **NY Comprehensive Language exam** score at 85 or above.

## Education Courses and required cognates

### ECC

SS 212 Intro to Teaching Profession

PS 207 Child Psychology

MT118 Math for Elem Teach I

MT 119 Math for Elem Teach II

EN 200 Found of Literacy Instruction

SS 213 School and Society

SS 214 Exceptional Education

### SUNY Fredonia

EDU 105 Intro to Inclusive Education

EDU 106 Practicum in Inclusive Ed I

EDU 225 Child Development

MAED 301 Math for School Teach I

MAED 302 Math for School Teach II

EDU 276 Literacy & Technology in Inclusive Settings

EDU 215 Ed. in American Society

EDU 250 Intro Exceptional Learner

EDU 251 Practicum in Inclusive Ed II

## Requirements for Early Childhood Program

EN 292 Children's Lit literature

CC 200/201 Early Childhood Ed/lab

CC 202 Early Childhood Ed II

CC 203 Lab for CC 202

SS 214 Exceptional Education

EDU 214 Children's Literature

EDU 105 Intro to Inclusive Education

EDU 106 Practicum in Inclusive Ed I

EDU 221 Intro to Early Childhood Ed

EDU 2TR 200 Level Transfer Elect.

EDU 250 Intro Exceptional Learner

EDU 251 Practicum in Inclusive Ed II

## Concentration

Each student graduating from a New York State registered teacher education program must complete a liberal arts concentration. Each concentration must have a minimum of 18 credit hours at the 300-400 level. Transfer students should determine concentration areas prior to transferring and should complete as much of their concentration as possible at ECC.

## Fredonia concentrations/credit hours include:

Biology 33

Chemistry 34

Earth Science 32-33

English 30\*

French 30\*

Math 34-36\*

Music 34

Physics 35-37

Social Studies 33\*

Spanish 30\*

\*(MS=Middle School Extension requires additional credit hours ~~requirement~~)

The following courses are currently accepted in the concentrations:

## **English**

6-9 credits of English course work at the 200 level. Courses in national and/or world literature are recommended.

The following courses transfer as 300 level courses:

Upper-level course in a literary period or major author:  
EN225=ENGL 412 Early Shakespeare

Upper-level elective course  
EN 294=ENGL 324 Myth and Symbol in Literature

## **French Concentration**

FR 112=FREN 215 Intermediate French I  
FR 201 = FREN 216 Intermediate French II

## **Spanish Concentration**

SP 112=SPAN 215 Intermediate Spanish I  
SP 201 = SPAN 216 Intermediate Spanish II  
SP 202 = SPAN 314 Spanish Composition

## **Mathematics Concentration**

MT 175=MATH 120 Survey of Calc I **AND**  
MT 176=MATH 121 Survey of Calc II

**OR**

MT 181=MATH 122 University Calc I **AND**  
MT 182=MATH 123 University Calc II  
MT 167=MATH 210 Math Structures and Proof\*  
MT 143=STAT 200 Statistical Methods  
MT 118=MAED 301 Math for School Teach I  
MT 119=MAED 302 Math for School Teach II

\*students need to earn a B- or better to earn credit for MATH 210

The following course applies towards the Math Middle School Extension or Middle Childhood Education – Mathematics Specialist Track.

MT 292=MATH 231 Linear Algebra

## **Music Concentration**

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

## **Social Studies Concentration**

HI 101= HIST 105 US HIST I  
HI 102= HIST 106 US HIST II

**Either**

GO 101 = POLI 120 Am Politics **or**  
GO 103 = POLI 150 US & World Affairs

## **Plus one of the following sequences**

HI 106 = HIST 101 World Hist I **and** HI 110 = HIST 116 W. Civ II  
HI 107 = HIST 102 World Hist II **and** HI 100= HIST 115 W. Civ I

Recommended electives: GP 103 Human Geography or GP 105 World Geography

## **SCIENCE CONCENTRATIONS**

### **Biology Concentration (33 cr)**

BI 107=BIOL 110 Human Biology

BI 225/226=BIOL 131/132 Intro Ecology and Evolution w/lab

BI 110/115=BIOL 133/134 Intro Cell & Molecular Biology w/lab

BI 121/122=BIOL 243/244 Organismal Biology w/lab **OR**

BI 112/117=BIOL 243/244 Organismal Biology w/lab

The following course will be accepted as upper division transfer credit (6 credits required)

BI 212/213 = BIOL 338 Microbiology **OR**

BI 230/231 = BIOL 338 Microbiology

### **Chemistry Concentration (34 cr)**

CH 180/181 = CHEM 115/125 Gen Chem I/lab

CH 182/183 = CHEM 116/126 Gen Chem II/lab

CH 220/221 = CHEM 215/225 Organic Chemistry I/lab

CH 222/223 = CHEM 216/226 Organic Chemistry II/lab

The following courses will also transfer as 300 level courses:

CH 240/241 = CHEM 317/327 Analytic Chem I/lab

CH 242/243 = CHEM 318/328 Analytic Chem II/lab

### **Physics Concentration**

PH 110 = PHYS 101 Topics in Contemp Science

PH 270/271= PHYS 121/123 College Physics I/lab

PH 272/273 = PHYS 122/124 College Physics II lab

#### **Either**

MT 175 & 176= MATH 120/121 Survey of Calc I & II **OR**

MT 181 & 182= MATH 122/123 Univ Calc I & II

### **Earth Sciences Concentration (32-33)**

GL 160=GEOL 165 Geology I

GL 161 =GEOL 169 Geology I/lab

AS 180/181 = GEO 150 Moons & Planets\*

\*This is allowed as a substitution for GEO 160 Oceanography

### **Duration of Agreement**

This agreement will become effective in fall 2014 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.