

**Supplemental Application Information**

*The MIITC program will culminate in a Master of Science in Education degree and fulfills course requirements for initial and professional New York State certification in Childhood and Early Childhood Education (Birth – Grade 6).*

**Application requirements:**

1. Applicants must meet with a department advisor to review all college transcripts to determine eligibility prior to applying to the program. {Please e-mail Dr. Henry, henryd@buffalostate.edu) to schedule an appointment.
2. Applicants must hold a bachelor's degree from an accredited college or university with an academic major in one of the liberal arts or sciences.
3. Minimum undergraduate cumulative GPA of 3.0 (4.0 scale).
4. Submit a score from either the Miller Analogies Test (MAT) OR the Graduate Record Exam (GRE)
5. Submit official transcripts from all colleges attended with your application.
6. Submit a completed Application Requirement Worksheet (included in application packet) detailing:
  - a) College-level work in English, mathematics, science, and social studies.
  - b) Your undergraduate major or courses applicable to an acceptable concentration area.
  - c) Two years of high school or two semesters in college in one foreign language (high school transcript should be submitted with application).
7. Write a well-crafted statement addressing the following:
  - a) Your reasons for seeking childhood/early childhood certification and your related professional experiences.
  - b) Your professional goals.Your statement will be evaluated according to the following criteria:
  - i) Content
  - ii) Organization
  - iii) Conventions of language
8. Submit three reference letters on **special department forms** (included in application packet) that attest to the applicant's potential as a graduate student and as a teacher. If possible we recommend that at least one reference be from a college professor or instructor who is familiar with the applicant as a college student.

Applicants will be judged on demonstrated academic record, the strength of recommendations, and the quality of the candidate's statement. To receive initial certification, students must successfully pass the applicable New York State certification exams and other certification requirements including fingerprinting.

**Further information about this program is available from:**

Dr. David Henry

E-mail: henryd@buffalostate.edu

**Recommended Application Dates** *(Following these dates will allow for adequate registration time.)*

*Spring: October 1; Summer: March 1; Fall: May 1*

*All documentation needs to be submitted in order to process your application.*

Please return your completed application and all supplemental materials to the Graduate School Office, GC 204.

**Application Requirements: Degree and Content Distribution Worksheet**

Name: \_\_\_\_\_

Use this form to document how you will fulfill the concentration or major in a liberal arts requirement.	
Undergraduate major in one of the liberal arts or sciences.	Major(s): _____
List graduate degrees also if applicable	Minor(s): _____
If you do not have a major in a liberal arts, you will complete an individualized program that will fulfil the concentration requirement. This process should be done in consultation with a program application advisor. Please contact Dr. David Henry, <a href="mailto:henryd@buffalostate.edu">henryd@buffalostate.edu</a> , for assistance.	

List courses below that will fulfill the academic distribution courses required for Childhood Certification. If you do not have a course that applies, leave blank.			
Requirement	Notes	Course taken which might apply	College where course was taken
ENGLISH distribution 1	ENG prefix or public speaking		
ENGLISH Distribution 2	ENG prefix above 101/102 level (English Composition)		
MATH Distribution 1	Acceptable courses beyond basic math		
MATH Distribution 2			
SCIENCE Distribution 1	Prefixes may include BIO, CHEM, PHYSICS GEOLOGY EARTH SCI		
SCIENCE Distribution 2			
SOCIAL STUDIES Distribution 1	Prefixes may include HIST, POL SCI, ECO, GEOGRAPHY		
SOCIAL STUDIES Distribution 2			
Study of a Language other than English: Two years of high school (Grades 9-12) or two semesters of college in one language.			

**Please return this form with your application and transcripts from all colleges attended.**

All information will be subject to review by the Graduate Admissions Committee.

***Information for completing the Content Distribution Requirements worksheet:***

**English:** Courses offered by an English department that are considered core requirements toward a degree in English are typically acceptable. For example, courses in composition, English literature, poetry, playwriting, grammar, and English linguistics are acceptable. Basic English composition classes are not acceptable.

**Mathematics:** Courses offered by a mathematics department that are considered core requirements toward a degree in mathematics are typically acceptable. For example, courses in mathematical reasoning, quantitative methods, number theory and concepts, algebra, analytic geometry, calculus, geometry, trigonometry, data analysis, probability, statistics, and discrete mathematics are acceptable. Statistics courses that are offered by other departments may be acceptable. Only those computer courses that involve using computers to solve mathematical problems are acceptable. Courses in computer science, accounting, finance and courses in which mathematics are applied to solving problems other than those that are purely mathematical are not acceptable.

**Science:** All courses must be pure science: those courses that involve learning about science and/or using the scientific method. Courses that involve the use of science to solve secondary problems are not pure science and, therefore, are not acceptable.

**Biology:** For example, courses in scientific methods, cell biology, biochemistry, anatomy and physiology, comparative anatomy, genetics and evolution, biological diversity, and human biology and human ecology are acceptable. Courses in nutrition are acceptable only if it is cell nutrition.

**Chemistry:** For example, courses in scientific methods, matter and atomic structure; energy, chemical bonds and molecular structure; chemical reactions; and quantitative relationships are acceptable. Courses in geochemistry are generally applied science courses and, therefore, are not acceptable.

**Earth Science:** For example, courses in scientific methods, space systems, atmospheric systems, geological systems, and water systems are acceptable.

**Physics:** For example, courses in scientific methods, mechanics and heat; electricity and magnetism; waves, sound, and light; and quantum theory and the atom are acceptable. Courses in engineering and geophysics are generally applied science courses and, therefore, are not acceptable. Astronomy courses are acceptable only if the primary focus is on the mathematics of gravitational attraction between astral bodies.

**Social Studies:** Courses in U.S. and world history and geography, economics, government and political science. Courses in philosophy, sociology, and psychology are not acceptable

**Language Other than English (One year/distribution):** One year of college study in one language is required. Satisfactory performance on the College Level Proficiency Examinations in Spanish, French, or German also satisfies this requirement. Satisfaction by alternative means (for example, high school) requires a letter of verification by the college registrar. American Sign Language (ASL) is considered a language other than English.

**Current CEC Program requirements:** *(This program will be revised pending SUNY and NYSED approval. Students starting in summer or fall 2017 will most likely be in the new, revised program that is described on the next page.)*

**Seminar .....3 cr**  
EDU 501 Seminar for the Reflective Teacher

**Multicultural Perspectives and Diversity Course.....3 cr**  
*Select one course from the following:*  
SPF 500 Multicultural Education  
EDU 620 Teaching and Learning in Diverse Elementary School Classrooms

**Foundation Course .....3 cr**  
SPF 503 Educational Psychology

**Exceptional Education Course .....3 cr**  
EXE 500 Individuals with Special Needs

**Curriculum .....12 cr**  
EDU 528 Families and Early Childhood Programs  
EDU 543 Curriculum for the Young Child  
EDU 654 Theory, Research, and Practice in Social Studies Instruction  
EDU 672 Advanced Technology for K-6 Classrooms

**Literacy Course .....3 cr**  
EDU 546 Theory, Research, and Practice in English Language Arts Instruction

**Methods and Practicum Courses ..... 12 cr**  
EDU 511 Methods of Teaching English/Language Arts (6)  
EDU 626 Integrating the Content Areas in the Teaching of Young Children  
EDU 682 Teaching Math & Science in the Elementary School (6)

**Student Teaching ..... 12 cr**  
EDU 500 Practicum in Education (6)  
EDU 510 Practicum in Early Childhood Education (6)

**Research and Master’s Project.....6 cr**  
SPF 689 Methods and Techniques of Educational Research  
EDU 690 Master’s Project

**Total Required Credit Hours: .....60 cr**  
All courses are 3 credit hours unless otherwise indicated.

**New CEC Program requirements:** *(Pending SUNY and NYSED approval. The new program will lead only to Childhood certification. Early Childhood certification can be added following NYSED requirements.)*

**Seminar ..... 3 cr**

EDU 501 Seminar for the Reflective Teacher

**Multicultural Perspectives and Diversity Course .....3 cr**

EDU 620 Teaching and Learning in Diverse Elementary School Classrooms

**Foundation Course ..... 0-3 cr**

SPF 503 Educational Psychology (Undergraduate equivalent acceptable)

**Exceptional Education Course ..... 3 cr**

EDU/EXE 502 Contingency Management  
or EXE 500 Individuals with Special Needs

**Literacy Course ..... 3 cr**

EDU 546 Theory, Research, and Practice in English Language Arts Instruction

**Action Research Courses ..... 6 cr**

EDU 671 Theory, Research, and Practice in Science Instruction  
EDU 654 Theory, Research, and Practice in Social Studies Instruction

**Methods and Practicum Courses ..... 12 cr**

EDU 511 Methods of Teaching English/Language Arts (6)  
EDU 682 Teaching Math & Science in the Elementary School (6)

**Student Teaching ..... 12 cr**

EDU 500 Practicum in Education (6)  
EDU 510 Practicum in Early Childhood Education (6)

**Master’s Project ..... 3 cr**

EDU 690 Master’s Project

**Total Required Credit Hours: ..... 45-48 cr**

Sample CEC (MIITC) course schedule				
Summer I	Fall	Spring	Summer II	Fall
EDU 501 SPF 503	EDU 546 EDU 620 EXE 500/502 EDU 671	EDU 511 (6 cr) EDU 682 (6 cr)	EDU 654 EDU 690	EDU 500 EDU 510
6 cr	12 cr	15 cr	3 cr	12 cr

To add Early Childhood: EDU 543, EDU 626

**Professional Reference Form**

**CANDIDATES PLEASE NOTE:** References should be **professional in nature (work supervisor, colleague)**. Please return the completed reference form to the Graduate School Office (GC 204) with all application materials. Reference forms received separately will be returned to the referrer or the applicant.

**REFERENCE PLEASE NOTE:** Return this form **to the candidate** in a sealed and signed envelope.

Applicant's Name: \_\_\_\_\_

How long and in what capacity have you known the applicant?

\_\_\_\_\_

Please rate the applicant in the following areas:

	Outstanding	Good	Average	Below Average	Unknown
The applicant's academic writing is...					
The applicant's expressive communication is...					
The applicant's ability to work independently is...					
The applicant's professionalism is...					
The applicant's work ethic is...					
The applicant's ability to work with others is...					
The applicant's potential as a graduate student is...					
The applicant's potential as a childhood/early childhood teacher is...					

Additional comments can be attached or included on the back of this form, if necessary.

Name \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_

Title/Position \_\_\_\_\_

Name of School/Business \_\_\_\_\_

Address \_\_\_\_\_

**Reference Form**

**CANDIDATES PLEASE NOTE:** This references can be **professional in nature (work supervisor, colleague) or from a former college professor.** Please return the completed reference form to the Graduate School Office (GC 204) with all application materials. Reference forms received separately will be returned to the referrer or the applicant.

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	Outstanding	Good	Average	Below Average	Unknown
The applicant's academic writing is...					
The applicant's expressive communication is...					
The applicant's ability to work independently is...					
The applicant's professionalism is...					
The applicant's work ethic is...					
The applicant's ability to work with others is...					
The applicant's potential as a graduate student is...					
The applicant's potential as a childhood/early childhood teacher is...					

Additional comments can be attached or included on the back of this form, if necessary.

Name \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_

Title/Position \_\_\_\_\_

Name of School/Business \_\_\_\_\_

Address \_\_\_\_\_

**Reference Form from College Professor/Instructor**

**CANDIDATES PLEASE NOTE:** This references can be **professional in nature (work supervisor, colleague) or from a former college professor.** Please return the completed reference form to the Graduate School Office (GC 204) with all application materials. Reference forms received separately will be returned to the referrer or the applicant.

**REFERENCE PLEASE NOTE:** Return this form **to the candidate** in a sealed and signed envelope.

Applicant's Name: \_\_\_\_\_

How long and in what capacity have you known the applicant?

\_\_\_\_\_

Please rate the applicant in the following areas:

	Outstanding	Good	Average	Below Average	Unknown
The applicant's academic writing is...					
The applicant's expressive communication is...					
The applicant's ability to work independently is...					
The applicant's professionalism is...					
The applicant's work ethic is...					
The applicant's ability to work with others is...					
The applicant's potential as a graduate student is...					
The applicant's potential as a childhood/early childhood teacher is...					

Additional comments can be attached or included on the back of this form, if necessary.

Name \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_

Title/Position \_\_\_\_\_

Name of School/Business \_\_\_\_\_

Address \_\_\_\_\_