

# ELEMENTARY EDUCATION

(845) 257-2860

## BECOME A TEACHER

### Master of Science in Teaching - Childhood Education 1-6 (020C)

Nataly Chesky, Coordinator, (845) 257-2872  
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The School of Education offers students holding a baccalaureate degree an opportunity to earn a Master of Science in Teaching (MST) degree leading to NYS initial/professional certification in Childhood Education (1-6). The typical candidate for the MST degree will hold a baccalaureate degree in one of the liberal arts or sciences<sup>1</sup> from an accredited college and will have a background in history, a foreign language, mathematics, English and science.

The program includes instruction in educational studies, developmentally appropriate practices, content pedagogy, research, and one semester of full-time student teaching. It can be completed in four semesters. Professional certification requires three years of successful teaching experience at the 1-6 grade level.

### Master of Science in Teaching - Childhood Education 1-6 & Early Childhood Education B-2 (020E)

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The School of Education offers students holding a baccalaureate degree an opportunity to earn a Master of Science in Teaching degree in Childhood Education (1-6) and Early Childhood Education (B-2 leading to NYS initial/professional certification. The typical candidate for the MST will hold a baccalaureate degree in one of the liberal arts or sciences<sup>1</sup> from an accredited college and will have a background in history, a foreign language, mathematics, English and science.

The program includes instruction in educational studies, developmentally appropriate practices, content pedagogy, research, and one semester of full-time student teaching. It can be completed in four semesters. Professional certification requires three years of successful teaching experience at the B-2/1-6 grade level.

Mathematics (STEM). The program can be completed on a part-time or full-time basis.

Follow the links below to learn more information about our graduate programs in Elementary Education.

### BECOME A TEACHER

- MST in Childhood Education 1-6 (<http://catalog.newpaltz.edu/graduate/education/elementary-education/mst-childhood-education-1-6>)
- MST in Childhood Education 1-6 and Early Childhood Education B-2 (<http://catalog.newpaltz.edu/graduate/education/elementary-education/mst-childhood-education-1-6-early-childhood-education-b-2>)

### ENRICH YOUR CLASSROOM

- MEd in Childhood Education 1-6 - Early Childhood Specialization (<http://catalog.newpaltz.edu/graduate/education/elementary-education/msed-childhood-education-1-6-early-childhood-specialization>)
- MEd in Childhood Education 1-6 - Reading/Literacy Education Specialization (<http://catalog.newpaltz.edu/graduate/education/elementary-education/msed-childhood-education-1-6-reading-literacy-education-specialization>)
- MEd in Childhood Education 1-6 - Science, Technology, Engineering and Mathematics Specialization (STEM) (<http://catalog.newpaltz.edu/graduate/education/elementary-education/msed-childhood-education-1-6-science-technology-engineering-mathematics-specialization-stem>)

#### EED501. Fieldwork in Early Childhood. 1 Credit.

Fieldwork focused on developmentally appropriate practices and teaching reading in grades pre K-2, including managing the physical classroom environment, evaluating the literacy environment, conducting a successful read aloud, and analyzing developmentally appropriate practices. 40 hours.

#### EED502. Fieldwork in Math, Science, and Technology. 1 Credit.

Fieldwork focused on mathematics, science and technology for children in grades 1-6 with an emphasis on inquiry-based instructional models and educational games. 20 hours.

#### EED503. Fieldwork in Grades 3-6. 1 Credit.

Teacher candidates complete a minimum of 60 hours participating in elementary classrooms (grades 3-6) as they take on the role of observer, assistant, and teacher for one-on-one, small group, and whole class instruction. 60 hours.

#### EED505. Microcomputer as Ed Tool. 3 Credits.

#### EED507. Creative Experience for Young Children . 3 Credits.

Use of ideas, concepts, and materials to develop teachers' awareness of alternative creative approaches to curriculum experiences dealing with the self, the senses, and the environment for nursery school, kindergarten, and primary children.

#### EED508. Language and Literature for Young Children . 3 Credits.

Children's literature for the nursery school, kindergarten, and primary level. Total language arts program, including storytelling.

#### EED509. Curriculum One: Infant and Toddler . 3 Credits.

Study of children prenatal through age two. Investigation of child development principles to promote physical, intellectual, social, and emotional development and competence in the child.

## ENRICH YOUR CLASSROOM

### Master of Science in Education - Childhood Education 1-6 (013C)

The School of Education at the State University of New York at New Paltz offers students holding an initial elementary or childhood certification an opportunity to earn a Master of Science in Education 1-6 degree leading to professional certification in Childhood Education (1-6) from New York State. The program includes coursework in liberal arts, education content, pedagogy, and research. A feature of the M.S. Ed. Childhood Education 1-6 program is specialization tracks in Early Childhood Education; Reading/Literacy; and Science, Technology, Engineering &

**EED510. Teaching Writing & Multimodal Text Production. 3 Credits.**

This clinically-rich course explores methods of teaching writing in grades K-12. Course activities are designed to meet the needs of diverse learners, and students will learn digital production skills across disciplines.

**EED511. Piaget's Theory and App for Curr and Inst. in Elementary Classroom . 3 Credits.**

A study of the development stage from sensori-motor through formal operations, the relationship to intellectual, social, and moral development, and the application to curriculum development and materials. Use of clinical method with children.

**EED512. Children's and Young Adult Literature. 3 Credits.**

Available reading materials in the light of children's interest and capabilities; contribution of literature to child growth. Concentration may be made on particular grade levels. It is suggested that students in the reading specialization cover grade levels K-Middle School.

**EED513. Curriculum III: First and Second Grade . 3 Credits.**

Focus on whole child and the integrated nature of learning and development in young children with specific attention to children in first and second grade and their families. Course integrated with arts, math, science and technology, health/physical development and social studies.

**EED514. Developmentally Appropriate Practices: Birth - Second Grade . 3 Credits.**

Candidates will consider cognitive and social development of children, birth through second grade and the implications for child development, curriculum planning, classroom management, environment and organization.

**EED515. Curriculum Two: Preschool and Kindergarten . 3 Credits.**

Focuses on the whole child and the integrated nature of learning and development in young children. Provides preparation for working with preschool/kindergarten children and their families.

**EED516. Teaching Reading/Language Arts in the Elementary School . 3 Credits.**

Explores the nature of an effective writing, reading, and language arts program in the elementary school by exploring evidence-based instruction and methods for assessment.

**EED517. Teaching Science in the Elementary School . 3 Credits.**

The nature of a good science program in the elementary school; selection and organization of science experiences of particular importance to children. Effective procedures for promoting in children a lasting interest in science.

**EED518. Teaching Mathematics in the Elementary School . 3 Credits.**

Recent developments in the reorganization of mathematics programs in modern elementary schools. Research findings in effective classroom methods and materials for improving mathematics skills.

**EED519. Teaching Social Studies in the Elementary School . 3 Credits.**

Research findings in teaching social studies in the elementary school. Implications for improving organization of all school programs in social studies and selection of effective methods and materials of instruction.

**EED520. Literacy and Reading Development - Birth - Kindergarten . 3 Credits.**

This course focuses on early literacy development and how it can be fostered while honoring children's individual differences, home environments, and backgrounds. Major themes include the exploration of interaction between symbolic development, language and literacy acquisition in children birth through five years of age. Major theories of literacy development are analyzed in light of early childhood classroom instructional techniques and the development of strategies to encourage language and literacy in young children. Working with parents to develop language and literacy skills and dispositions is also a major theme in this course. 20 hours of fieldwork required.

**EED521. Field Experience Three: Implementing Instruction in the Classroom . 3 Credits.**

This course will support the student in becoming a proficient teacher. The student will become familiar with lesson plans; teaching principles and practices to skillfully teach all students; individualization; and leadership.

**EED522. Play: The Foundations of Literacy for Young children (B-K). 3 Credits.**

Students will explore the complex issues of play, its role and value in the early classroom from both theoretical and practical perspectives, with particular focus upon early literacy development. Students will be required to identify and obtain permission to complete 15 hours of field observations at appropriate sites approved by the instructor.

**EED523. Reading in the Primary Grades . 3 Credits.**

Discusses the importance of language development and experiential background in the reading process. Emphasis is placed on early reading, language experience approaches and beginning developmental reading. An in-depth analysis of various methodologies for beginning reading instruction grades K-3 is provided.

**EED524. Reading in the Middle School . 3 Credits.**

Concentrates on the teaching of reading in grades 4-8. Provides an in-depth study of general comprehension strategies, study skills, recreational reading, and reading strategies appropriate for content areas. Instructional techniques, including diagnostic procedures, are an important part of the course.

**EED525. Fundamentals of Reading . 3 Credits.**

Presents an overview of the reading process. Discusses current models of reading. Emphasizes comprehension strategies and word recognition skills, along with an overview of diagnostic procedures, from early reading stages through the middle school years. This course is designed for graduate students who have no previous formal college-level course work in the teaching of reading. Open only to students who have never taken a reading course or have not taken a reading course in five years.

**EED526. Creative Writing for Elementary School Teachers . 3 Credits.**

Opportunities for teachers to do some writing of their own for children, in addition to studying approaches in helping children to write. Contemporary children's literature will be studied in regard to the various genres and styles of writing each type.

**EED528. Literacy and Language Learners. 3 Credits.**

Students engage with issues around developing literacy in a second language. Students explore theories of second language acquisition, ways to modify assessment and remediation based on students' first language, and culturally responsive approaches to instruction.

**EED530. Health and Drug Education: Problem-Solving . 3 Credits.**

Study of basic health and drug education information essential for teachers to cope constructively with related problems in home, school, community, and society. Particular emphasis on experience with effective techniques in adult-student interaction and communication in an open, sensitive, and realistic manner.

**EED535. Research in Child, Family, School in Grades B-2. 3 Credits.**

Considerations of the cognitive and social development of children preschool through third grade. Implications for curriculum planning, classroom management and organization. Exploration of the relationship between the family and the school. Participants will design their own research project with the support and approval of the supervisor.

**EED536. Research in Child, Family, School in Grades 3-6. 3 Credits.**

Investigation of developmental stages and theories for children in grades 3-6 (ages 8-12); implications for curriculum planning, classroom organization, and management. Study of school, family and community impact of the child.

**EED540. Field Studies in Environmental/Outdoor Education I: The Natural World . 3 Credits.**

Recognize examples of the natural systems and cycles that make up the Earth environment. Evaluate school grounds and community for outdoor education opportunities. Develop cross-curriculum resources for environmental literacy regarding the natural world and school.

**EED550. Advanced Child Development . 3 Credits.**

Focus on recent research findings, social issues and theoretical underpinnings in the development of children. Implications for teachers' relationship with individual children and families will be discussed using a multicultural, sociological, psychological and historical perspective in understanding child and family development.

**EED565. Content Area Literacy, 1-6. 3 Credits.**

Explores the theories, methods, and materials necessary for successful integration of all language arts with content area subject matter for the B-6 learner in a clinically-rich format.

**EED571. The Microcomputer as an Educational Tool . 3 Credits.**

The use of the computer to improve learning and teaching with "tool programs" such as word processors, spreadsheets, record keeping programs, tests and instructional material generators, telecommunications, and database programs. Includes discussion, and use of these programs on microcomputers in a laboratory.

**EED578. Hudson River Studies . 3 Credits.**

Intended for teachers (K-12), this course leads participants on a Hudson River odyssey, exploring the river's ecology, human and natural history, and environmental issues through field trips and classroom presentations. The course will cover methods and materials used in classroom teaching about the river. A \$60 fee is required for field trip and materials costs.

**EED579. Integrating Reading, Language Arts and Social Studies in Grades 1-6 . 6 Credits.**

Focuses on assessment techniques, curriculum development and instruction based on New York State learning standards in English/ Language Arts and Social Studies in the elementary school. Special emphasis on reading and writing in content areas at intermediate grade levels, with specific attention to social studies.

**EED580. Connecting Mathematics, Science, and Technology in Elementary School . 6 Credits.**

Focuses on assessment techniques, curriculum development and instruction based on New York State Learning Standards in mathematics, science, and technology in the elementary school, grades 1-6. Special emphasis is given to inquiry-based methodologies and the connectedness of the disciplines. Must take, at least, three credits before this course.

**EED581. Foundations of Bilingual/Bicultural Education . 3 Credits.**

Provides an overview of issues related to the education of limited English proficient students. The historical and legal foundations for bilingual education, models of bilingual education, and research findings regarding the effectiveness of bilingual education will be examined.

**EED583. Methods and Materials in Bilingual Education . 3 Credits.**

A review of the methods, techniques and materials for teaching in a bilingual setting. Includes methods and techniques for the teaching of mathematics, science and social studies in Spanish. Students will prepare and adapt materials for use in a bilingual classroom.

**EED585. Teaching Reading and Language Arts in a Bilingual Setting . 3 Credits.**

An analysis of the methods and materials for teaching reading and language arts in Spanish to bilingual students. Discussion will focus on the role of language and experience in reading instruction and on the effectiveness of native language reading instruction.

**EED589. Practicum in Bilingual Education . 6 Credits.**

A college-supervised experience in teaching in a bilingual setting required of all students in the Bilingual Education concentration during their final semester in the program. A research project based on the practicum experience will be required.

**EED593. Elem Ed Selected Topic. 12 Credits.**

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**EED594. Fieldwork In Elementary Ed. 0 Credits.**

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**EED595. Indep Study Elementary Ed. 3-12 Credits.**

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**EED604. Student Teaching Grades B-3. 3 Credits.**

Student teaching field experience in the preschool through elementary classroom setting. Candidates observe and demonstrate proficiency in the fundamentals of teaching: planning and/or execution of standards-based pupil learning experiences; development of appropriate instructional practices and assessment tools; implementation of classroom management procedures; communication with parents and school personnel; maintenance of pupil progress and evaluation records.

**EED605. Student Teaching Grades 4-6. 3 Credits.**

Student teaching field experience in the preschool through elementary classroom setting. Candidates observe and demonstrate proficiency in the fundamentals of teaching: planning and/or execution of standards-based pupil learning experiences; development of appropriate instructional practices and assessment tools; implementation of classroom management procedures; communication with parents and school personnel; maintenance of pupil progress and evaluation records.

**EED606. Student Teaching Seminar. 1 Credit.**

Candidates explore and respond to issues in student teaching including: standards-based instructional practice; assessment and evaluation; critical reflection; classroom management; school-community relations; ethics and law; and post-commencement professional transitions.

**EED693. Elementary Ed Selected Topic. 3-12 Credits.****EED700. Foundations of Early Childhood Education . 3 Credits.**

Major historical and philosophical concepts in teaching young children from the seventeenth century to the present and their contribution to current curriculum practices.

**EED703. Program Planning for Young Children . 3 Credits.**

Curriculum theory and assessment of influences upon curriculum for young children. Recent research and curriculum innovations in infancy, nursery, kindergarten, and primary education. Development and evaluation of curriculum in cognitive, affective, and psychomotor learning.

**EED707. Workshop in Teaching Mathematics and Technology in the Elementary School. 3 Credits.**

Current issues in elementary school mathematics instruction will be addressed, with an emphasis on problem solving and the use of manipulatives. Topics covered will include remediation, the role of technology, assessment, and the integration of mathematics with other subject areas to enhance STEM education objectives.

**EED709. Workshop in Teaching Science and Literacy in the Elementary School. 3 Credits.**

Foci of course: (1) National Science & ELA Standards; (2) hands-on materials, inquiry activities, children's literature, and science notebooks; (3) utilization of community, environment, and integrated approaches to connecting science and literacy; (4) includes development of learning centers, curriculum guides, and/or other alternate instructional strategies.

**EED710. Seminar in Elementary Education . 3 Credits.**

Analysis of recent research, innovations, and experimentation in the elementary curriculum and instruction. Students demonstrate reasonable mastery of an area of elementary education relevant to their selected area of concentration through research projects.

**EED716. Science, Math, and Engineering for Young Children. 3 Credits.**

Develop in children scientific and mathematical curiosity, awareness and skill in fundamental processes, concepts and operations. A variety of approaches, focusing on sensory experiences, to develop concepts in science, math and engineering. A study of developmental stages of children as they relate to concepts and skills aligned with state content standards and STEM education objectives.

**EED718. Models of Teaching: A Repertoire of Teaching. 3 Credits.**

Effective models of teaching for teachers to use in their classroom settings. Opportunities to apply model syntax and teaching strategies in multiple classroom instructional arrangements.

**EED721. Assessment and Curriculum Planning Preschool and Elementary Grades . 3 Credits.**

Consideration of current trends in assessment and classroom assessment practices that can be used in planning appropriate activities for students in the regular classroom.

**EED735. Workshop in Environmental/Outdoor Education and Mathematics. 3 Credits.**

Teachers and administrators evaluate environmental education programs in schools and plan for children in the areas of social studies, science, mathematics, and physical health as they interrelate within an environmental education program. Opportunity to work cooperatively on environmental education programs using data analysis related to developmental curriculum and STEM education objectives.

**EED746. Workshop for the Remediation of Reading Difficulties . 3 Credits.**

Working in a supervised laboratory setting, the student diagnoses, translates diagnostic results into a plan for remediation and carries out the plan within the time limitations of the course. The student develops competency in working with client and parent, in using specific remedial materials and techniques, and in reporting results.

**EED747. Clinical Practices in Reading. 3 Credits.**

(Summer only) Under close supervision, student works intensively with one or more children with serious reading problems, diagnosing, establishing a remedial program, tutoring, and reporting results. Student works with the client to discover and monitor the strategies that will bring greater comprehension. Family support is an ongoing consideration. Seminar explores functions and organization of a reading clinic, professional organizations, professional ethics.

**EED748. Current Practices in Reading . 3 Credits.**

Provides an in-depth study of current research trends in reading and their application in the classroom. Emphasis is placed on library research, the reading of research and professional journal articles, and teacher effectiveness in reading.

**EED750. Developing Environmental/Outdoor Education Programs . 3 Credits.**

Study of environmental and outdoor education programs, including planning, curriculum development, funding, administration and evaluation. Develop programs that teach the Learning Standards using the environment as context. Participation in field studies at the Mohonk Preserve and independent field trips to regional centers. (Footnote: Instruction takes place at the Mohonk Preserve Visitor Center. Ten days: 8 days in class from 9 am - 3:00 pm; 2 days independent field observations.)

**EED751. Internship in Environmental/Outdoor Education . 6 Credits.**

Individualized contract in design, set-up, implementation and operation of an environmental education program for elementary children under direct guidance of a faculty advisor at an approved location.

**EED752. Theoretical Foundations of Reading and Writing. 3 Credits.**

Explores current theories underlying the reading and writing process and the research on which they are based. Participants use research to develop their own theories of reading and writing. A proctoring fee for test taking may apply.

**EED753. Workshop in Understanding Literacy Difficulties. 3 Credits.**

Following a developmental approach, literacy candidates will explore potential difficulties in the reading and writing acquisition process. Include in-depth analysis of the phonological, orthographic, and morphological structures of English.

**EED754. Workshop in Diagnosing Literacy Difficulties. 3 Credits.**

Clinically-rich course that prepares students to understand, select, develop, administer, and interpret a variety of literacy assessments, as well as use assessment information to plan and evaluate literacy instruction.

**EED755. Workshop in Intervention of Literacy Difficulties, B-6. 3 Credits.**

Under supervision in a clinically-rich setting, each candidate assesses, designs an intervention plan, and adjusts instruction based on progress monitoring data for a child in grades K-6 with literacy difficulties.

**EED756. Workshop in Intervention of Literacy Difficulties, 5-12. 3 Credits.**

Under supervision in a clinically-rich setting, each candidate assesses, designs an intervention plan, and adjusts instruction based on progress monitoring data for a child in grades 5-12 with literacy difficulties.

**EED757. Clinical Practices in Literacy Intervention, B-6. 3 Credits.**

In this capstone course, candidates work in a clinically-rich setting assessing, designing, implementing, and adjusting as needed an intervention plan for students in grades B-6 to demonstrate mastery of program content. The course also provides information as mandated by NYS Education law in instruction students in fire and arson prevention, prevention alcohol, tobacco, and other drug abuse, and child abduction prevention.

**EED758. Clinical Practices in Literacy Intervention, 5-12. 3 Credits.**

In this capstone course, candidates work in a clinically-rich setting assessing, designing, implementing, and adjusting as needed an intervention plan for students in grades 5-12 to demonstrate mastery of program content. The course also provides information as mandated by NYS Education law in instruction students in fire and arson prevention, prevention alcohol, tobacco, and other drug abuse, and child abduction prevention.

**EED759. Workshop in Action Research for Literacy Leaders. 3 Credits.**

Candidates develop a critical stance toward historically shared knowledge in literacy education. Candidates learn about the critical role of action research in professional learning communities and develop an action research project for their capstone clinical experience.

**EED760. Literacy Leadership and Coaching. 3 Credits.**

Within this clinically-rich course, candidates study literacy leadership and adult learning. Practices include leading RTI/assessment meetings, analyzing literacy programs, coaching, responding to policy decisions, writing grants, planning professional development, and establishing learning communities.

**EED771. Creativity in the Classroom . 3 Credits.**

Analysis of research in identification, development and measurement of creativity. Instructional designs and teacher behavior in creative teaching. Creative problem-solving and creativity training.

**EED793. Elementary Ed Selected Topic. 3-12 Credits.**

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**EED794. Fieldwork in Elementary Ed . 0 Credits.**

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**EED795. Indep Study Elementary Ed. 3-12 Credits.**

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