

# Early Childhood Education (ECED)

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## Courses

### **ECED 5106. Early Literacy and Language Development: Birth-Kindergarten. 3 Credit Hours.**

The aim of this course is to provide students with foundational knowledge about the development of early language and literacy skills, their role in later reading and academic success, and the instructional practices that best support them. Students will develop essential practices for building early language and literacy competence in diverse classroom settings. This course includes 20 hours of stages 1, 2, and 3 field experience competencies.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

### **ECED 5107. Mathematics Education for the Early Years: PreK-4. 3 Credit Hours.**

The aim of this course is to provide preservice teachers (PTs) with essential mathematical knowledge for teaching early mathematics based on an integration of research and practice. In particular, PTs will obtain deep content understanding of the key mathematical topics, relevant knowledge of children's mathematical thinking, and pedagogical design ability such as task analysis and lesson planning. In addition, PTs will develop critical thinking skills that allow them to critically analyze the existing learning environment (e.g., textbooks and instruction) and essential practices for building early mathematics competence in diverse classroom settings. This course includes 20 hours of stages 1, 2, and 3 field experience competencies.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

### **ECED 5108. Social Studies Education for the Early Years: PreK-4. 3 Credit Hours.**

The focus of this course is the development of social skills in young children and how they lay a critical foundation for citizenship in an evolving democracy. The course will include theories of social education and the developmental learning processes of civics, economics, history, and geography in young children in K-4 educational settings. Diversity and culture are central aspects of the course as they relate to ways that children, families, schools, communities and teachers view and interact in shared communities of learning. This course includes 20 hours of stages 1, 2, and 3 field experiences.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

### **ECED 5109. Science Education for the Early Years: PreK to 4. 3 Credit Hours.**

This course will draw on science practices, instructional technology (e.g., video vignettes of classroom activities and science websites), and collaborative lab-based activities to explore current issues of teaching and learning science in the pre-K and early elementary school classroom. This course includes 20 hours of stages 1, 2, and 3 field experience competencies.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

### **ECED 5206. Literacy Foundations for the Primary Grades: First through Fourth. 3 Credit Hours.**

The main focus of this course is to develop knowledge of the theories, methods, and materials that can be used to teach reading and writing concepts and skills in the elementary classroom (from late kindergarten through fourth grade). There will be an emphasis on conceptual knowledge as well as specific procedural knowledge needed to implement effective, research-based practices. Furthermore, policy issues affecting literacy instruction and practices will also be addressed. This course includes 20 hours of stages 1, 2, and 3 field experience competencies.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

### **ECED 5370. Sem Early Child Lit Edu. 3 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**ECED 5502. Cognitive Development. 3 Credit Hours.**

Understanding how people learn is a critical part of understanding how best to teach. This course will address theories of cognition and learning and provide practice in weaving key ideas into the design, implementation, and assessment of classroom instruction. This class is not a methods class; rather, it provides the conceptual basis of teaching approaches that explains why some approaches work better than others.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.