

addressed. Curriculum modification and environmental accommodations for children with special needs will be reviewed. Assessment techniques and the role of service providers will be discussed. This course will include a 15-hour field experience. Notes: Verification of professional liability insurance is required.

ECE 4545: Methods in Math & Science in Birth through Kindergarten

3 Credit Hours

Prerequisite: Admission to Teacher Education

Corequisite: ECE 4515

This course focuses on integrating the science processes, principles, and concepts of inquiry-based science into early childhood education. Candidates develop and implement math and science curriculum in developmentally appropriate ways to different young children. Candidates also design and implement developmentally appropriate math and science assessments with young children. A field experience in an early learning environment may be required.

ECE 4555: Methods for Teaching Social Studies Birth through Kindergarten

3 Credit Hours

Prerequisite: Admission to Teacher Education

Corequisite: ECE 3530

Candidates plan and teach developmentally appropriate social studies lessons for birth-through-kindergarten students using research-based early childhood teaching methods. Candidates also design and implement developmentally appropriate assessments with young children in their field experience. Additionally, candidates design and evaluate discipline and guidance practices to promote healthy social and emotional development.