

# EARLY AND MIDDLE CHILDHOOD EDUCATION (EMCE)

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**EMCE 5801 Early Childhood Generalist Science 2 s.h.**

By exploring science teaching practices and technologies for grades 4-5, the candidates will review teaching methods of science, master the content stated in the Ohio Academic Learning Standards, find and design science programs and lessons, incorporate the national and state standards in teaching science, and strengthen the assessment methods for the science classroom instruction.

**EMCE 5802 Early Childhood Generalist Math 2 s.h.**

By exploring math teaching practices and technologies for grades 4-5, the candidates will review instruction and assessment methods of mathematics, and master the content stated in the Ohio 2017 Learning Standards for Mathematics, and the Common Core Standards for Mathematics.

**EMCE 5803 Early Childhood Generalist Language Arts 2 s.h.**

Candidates will learn language arts content and teaching methods, design integrated lessons, incorporate state and national standards, and utilize assessment methods for grades 4-5.

**EMCE 5804 Early Childhood Generalist the Arts, Health and Fitness 1 s.h.**

Knowledge and application of the Arts, Health, and Fitness related to teaching practice for grades 4-5. Candidates will review content and methods of teaching the Arts, Health, and Fitness content as stated in the Ohio Academic Content Standards. Instruction on pedagogical strategies to include these content areas in the 4-5 curriculum.

**EMCE 5805 Early Childhood Generalist Social Studies 2 s.h.**

Candidates will learn social studies content, teaching methods, design integrated lessons, incorporate state and national standards, and utilize assessment methods for grades 4-5.