

# STEM Education for Early Childhood (K-4) (STEM)

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## Graduate Certificate in STEM Education for Early Childhood (K-4):

Required courses:

STEM 4033	Introduction to STEM Education	3
STEM 5023	Creativity and Innovation in STEM	3
CIED 5032	Curriculum Design Concepts for Teachers	2
STEM 5203	Problem-Based Mathematics	3
STEM 5213	Teaching Problem-Based Science in the Elementary Grades	3

In addition to the required courses, students will maintain a minimum 3.0 GPA; pass Praxis II; complete a year-long internship placement in a local school; and complete an action-research project.