

# EDUG-722 : Developing Mathematical Understanding in the Primary Grades

This course will examine the theory, research and instructional practices essential to developing mathematical understanding at the primary level in the elementary school. Experiences in this course will focus on helping children develop a sound, foundational understanding of early number concepts, language and skills. Candidates will learn to assess children's mathematical understanding and plan engaging, meaningful learning experiences that lead to success for all learners. Prospective teachers will use culturally-relevant contexts such as children's literature, science, social studies, and the arts to engage children in mathematics. A practicum offers opportunities to apply concepts and skills learned in the course.

**Credits** 3

**Instructional Method**

LEC

**Semester Offered**

Fall