

# EDUC 314: Prin of Teaching Math & Sci I (Gr. 1-3)

This course provides candidates with knowledge, skills, and dispositions to deliver content-rich and rigorous mathematics and science instruction for African American and diverse urban learners in grades 1-3. Candidates will have opportunities to employ a variety of instructional strategies to integrate math and science content and the Common Core State Standards through the Principles of Learning Mathematics and Science. Constructivist, behaviorist, cognitivist, and asset-based approaches and methodologies will be emphasized in this course. Field-based experiences will provide an opportunity for candidates to design, develop and implement evidence-based lessons in science and mathematics for national and global student populations.

**Credits:** 4

**Prerequisites/Permissions:**

Passing Praxis Core scores and admission to a teacher certification program via a supplemental application through the Office of Teacher Education.

**Program:**

## Elementary Education