

# EDUC4550 : Methods of Teaching Science and Mathematics in Elementary Classrooms

A study of teaching evidence-based methodology encompassing elementary school science and mathematics. Candidates design instruction to meet curriculum standards, devise accommodations for students with diverse needs, and plan assessment procedures to monitor student progress. A focus on unit and lesson planning for conceptual and procedural understanding, classroom environment, instruction, and professionalism equips candidates for the student teaching experience.

**Credits** 4

**Prerequisites**

Department approval, Program admission required.

**Corequisites**

[EDUC4440](#), [EDUC4460](#), [EDUC4540](#), [EDUC4810](#)