MA495 ELEMENTARY MATHEMATICS FROM AN ADVANCED PERSPECTIVE (4 Cr.)

NOTE: This course fulfills the "mathematics elective" requirement for mathematics education majors

PREREQUISITES: Senior standing and instructor permission

DESCRIPTION:
This capstone course for senior mathematics education or mathematics majors and minors examines the mathematical foundations of fundamental concepts of arithmetic, algebra, geometry, number theory, and other topics from across the mathematics curriculum and the connections that unify those concepts. Emphasis is on thinking deeply about fundamental concepts while further developing students' mathematical reasoning, representation, and problem-solving abilities.