**Mathematics Education, Elementary**

Twelve core credits plus at least 18 credits chosen from the following list, or other courses selected in consultation with the program advisor.

*Required:*

- EDCS 624C: Mathematics Curriculum, Elementary OR
- EDCS 624D: Mathematics Curriculum, Middle level AND
- EDCS 640H: Seminar in Teaching Mathematics

*Recommended Courses*

- EDCS 494: Problem Solving in Mathematics Education
- EDCS 495: Difficulties in Learning Mathematics
- EDCS 653 (Alpha)—may be taken once for each alpha
  - B: Number and Operation
  - C: Pattern, Function and Algebra
  - D: Geometry and Measurement
  - E: Probability and Statistics
  - F: Integrated Mathematics Content

*Plus: Plan A Thesis or Plan B Project*