In order to complete this program option, a student must:

1. Have a valid teacher certification in Elementary Education and/or Early Childhood Education.
2. Have two years of full-time teaching experience in grades Pre-Kindergarten through 5th grade at an accredited school under a valid state issued teacher credential.

I. ELEMENTARY CORE (12 hours)

All of the following:

- EDUC 5113 Techniques of Research (Should be taken in the first 8 credit hours of graduate study)
- EDUC 5173 Fundamentals of Curriculum
- EDUC 5183 Contemporary Issues in Education

Students should choose EITHER the Portfolio or Thesis option. If the Portfolio option is selected, EDUC 5342 Supervised Portfolio Research should be taken the semester immediately following EDUC 5113 Techniques of Research, and EDUC 5681 Portfolio should be taken in the final semester. If the Thesis option is selected, EDUC 5691 Thesis should be taken the semester immediately following completion of EDUC 5113 Techniques of Research and every subsequent semester. A maximum of three hours of Thesis may be counted in the degree.

Portfolio option:

- EDUC 5342 Supervised Portfolio Research
- EDUC 5681 Portfolio, OR

Thesis option:

- EDUC 5691 Thesis (Course may be repeated. A maximum of 3 hours may be counted toward the degree.)

II. PROGRAM CORE (18 hours)

All of the following:

- EDMA 5713 Number Concepts and Operations – Pedagogy in Mathematics
- EDMA 5743 Algebra and Functions – Pedagogy in Mathematics
- EDMA 5723 Geometry and Measurement – Pedagogy in Mathematics
- EDMA 5733 Data Analysis and Probability – Pedagogy in Mathematics
- EDMA 5243 Assessment and Treatment of Mathematics Difficulties
- EDMA 5663 Mathematics Leadership and Mentoring

III. SUPPORTIVE AREA (3 hours)

- EDUC 5253 Research and Instruction: Mathematics