A minimum of 125 credits is needed for graduation (or 127 if MA 011 was taken). This major requires a minimum of 114 credits of Professional Education courses. Some major courses may also fulfill core requirements.

Requirements for the B.S. Degree
Elementary/Middle School Education – Mathematics
Academic Year 2012 - 2013

Name ___________________________________________________________
Advisor _________________________________________________________

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<th>Credits</th>
<th>Grade</th>
<th>Term</th>
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### Required Mathematics Content Courses (32 credits)

**One Introductory Math Elective**

- MA 121 Calculus I 4
- MA 122 Calculus II 4
- MA 251 Probability and Statistics 4
- ED 336 Methods of Teaching Mathematics in Elementary/Middle Level 4

**Three Advanced Math Electives:**

- MA ___ 4
- MA ___ 4
- MA ___ 4

### Required Social Studies Sequence (12 credits)

**Two Social Studies Elective:**

- ___ ___ 4

**ED 366 Methods of Teaching Social Studies in Elementary/Middle Level** 4

### Required Science Sequence (12 credits)

**Two Science Electives:**

- ___ ___ 4

**ED 326 Methods of Teaching Science and Health in Elementary/Middle Level** 4

### Required Reading/English Sequence (12 credits)

**Two English offerings: (One Literature and One Writing)**

- EN 100 or 150 (Writing) 4
- EN ___ (Literature) (CE) 4

**ED 346 Methods of Teaching Reading and Writing in Elementary/Middle Level** 4

### Professional Education Courses (46 credits)

- ED 105 Foundations of Teaching and Learning 4
- ED 151 Early Adolescent and Adolescent Development 4
- ED 161 Integrated Technology I 2
- ED 258 Educational Assessment and Evaluation 4

**SED 272 Learning Environment and Social Interaction in Inclusive Settings** 4
**SED 282 Foundations of Inclusive Education** 4

- ED 316 Literacy Assessment and Intervention in Elem/Middle Level 4
- ED 341 ELL: Linguistic and Cultural Diversity in the Classroom 4
- ED 470 Professional Internship: Mathematics 12
- ED 496 Senior Seminar in Elementary/Middle Level 4

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**ALL intended education majors MUST complete two English courses (one in composition and one in literature) and two Mathematics courses (MA011 does not apply). In addition, Formal Acceptance must be achieved as a prerequisite to all ED 300 courses**