



**BOSTON COLLEGE**  
Lynch School of Education  
and Human Development

**Minor in Middle School Mathematics Teaching  
For Elementary or Secondary Education students only**

A minor in Middle School Mathematics Teaching is available to undergraduates who are either: **Elementary Education majors** (with an *MCAS Mathematics* major OR a *Mathematics/Computer Science Interdisciplinary* major) **OR Secondary Education majors** (with an *MCAS Mathematics* major). While the minor does not lead directly to middle school mathematics certification at Boston College (we do not offer middle school certification), it does fulfill the National Council of Teachers of Mathematics requirements for middle school teachers of mathematics. With this minor, acquiring middle school mathematics certification in Massachusetts should not be difficult.

Required Courses for Elementary Education Students (23 credits)	Credits	Notes
<b>EDUC 3343</b> Reform and Innovation in the Middle School <b>OR</b> <b>EDUC 6307</b> Teachers and Educational Reform <b>OR</b> <b>EDUC 4901</b> Readings and Research <i>or</i> <b>EDUC 4911</b> Independent Study	3	
<b>APSY 2041</b> Adolescent Psychology	3	
<b>EDUC 2131</b> Undergraduate Inquiry Seminar I	1	
<b>EDUC 2151</b> Pre-Practicum I in Grades 5-6	1	
<b>EDUC 4250</b> Full Practicum	12	Grade 5 student teaching experience is recommended
<b>EDUC 6304</b> Secondary and Middle School Mathematics Methods	3	
Required Courses for Secondary Education Students (25 credits)	Credits	Notes
<b>EDUC 3343</b> Reform and Innovation in the Middle School <b>OR</b> <b>EDUC 6307</b> Teachers and Educational Reform <b>OR</b> <b>EDUC 4901</b> Readings and Research <i>or</i> <b>EDUC 4911</b> Independent Study	3	
<b>EDUC 2108</b> Teaching Mathematics and Technology	3	
<b>EDUC 2131</b> Undergraduate Inquiry Seminar I	1	
<b>EDUC 4250</b> Full Practicum	12	Student teaching must include 9 <sup>th</sup> grade Algebra
<b>MATH 2290</b> Number Theory for Teachers	3	
<b>MATH 2291</b> Geometry for Teachers <i>or</i> <b>MATH 4453</b> Euclid's Elements	3	



# BOSTON COLLEGE

## Lynch School of Education and Human Development

### Elementary Major with Middle School Math Minor

**Semester 1:** *Fall*  
APSY1030 Child Growth  
English Core  
History Core  
Philosophy Core  
Theology Core

**Semester 3:** *Fall*  
ERME1060 Classroom Assessment  
EDUC1044 Working with Special Needs  
Science Core  
Fine Arts Core  
MCAS Major

**Semester 5:** *Fall*  
EDUC2105 Teaching Social Studies  
EDUC2109 Teaching about the Natural World  
EDUC6304 Secondary Math Methods  
MCAS Major  
\*EDUC3343 or independent study  
EDUC3152 Pre-practicum with **EDUC3132**

**Semester 7:** *Fall*  
EDUC4250 Full Practicum  
EDUC3133 Inquiry Seminar

**Semester 2:** *Spring*  
APSY1031 Family, School & Society  
English Core  
History Core  
Philosophy Core  
Theology Core

**Semester 4:** *Spring*  
EDUC2039 Learning in the Elem Sch.  
Science Core  
Math Core (Part of A&S Major)  
MCAS Major  
MCAS Major  
EDUC2151 Pre-practicum with **EDUC2131**

**Semester 6:** *Spring*  
EDUC2101 Teaching Reading  
EDUC2108 Teaching Math and Technology  
APSY2041 Adolescent Psychology  
MCAS Major  
MCAS Major  
EDUC3153 Pre-practicum with **EDUC3133**

**Semester 8:** *Spring*  
MCAS Major  
MCAS Major  
EDUC6346.01  
MCAS major  
Course as needed

### Secondary Major with Middle School Math Minor

**Semester 1:** *Fall*  
APSY1030 Child Growth  
English Core  
History Core  
Philosophy Core  
Theology Core

**Semester 3:** *Fall*  
EDUC2211 Secondary Curriculum and Instruction  
ERME1060 Classroom Assessment  
EDUC2151 Pre-practicum with **EDUC2131**  
Science Core  
Fine Arts Core  
MCAS Major

**Semester 5:** *Fall*  
EDUC6304 Secondary Math Methods  
APSY2041 Adolescent Psychology  
MATH2290 Number Theory, MATH2291 (S) or MATH4453 (S)  
MCAS Major  
\*EDUC3343, 6367 or independent study  
EDUC3152 Pre-practicum with **EDUC3132**

**Semester 7:** *Fall*  
EDUC4250 Full Practicum  
EDUC3133 Inquiry Seminar

**Semester 2:** *Spring*  
APSY1031 Family, School & Society  
English Core  
History Core  
Philosophy Core  
Theology Core

**Semester 4:** *Spring*  
EDUC1044 Working with Special Needs  
Science Core  
Math Core (Part of MCAS Major)  
MCAS Major  
MCAS Major

**Semester 6:** *Spring*  
EDUC3323 Reading/Special Needs for Secd/Mid  
EDUC2108 Teaching Math and Technology  
MCAS Major  
MCAS Major  
MCAS Major  
EDUC3153 Pre-practicum with **EDUC3133**

**Semester 8:** *Spring*  
MCAS Major  
MCAS Major



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EDUC6346.02  
MCAS Major & Courses as needed