

**M.Ed. Curriculum and Instruction: MATHEMATICS (5-8; 8-12)  
INITIAL LICENSE OPTION**

*Successful applicants must have an undergraduate degree in Mathematics or a minimum number of credits in that specialization field (36 cr. in Mathematics).*

**FOUNDATIONS (6 cr)**

- 01.501 Teaching Diverse Populations
- 01.502 Adolescent Development and Student Learning

**PREPRACTICUM**

The prepracticum occurs in the fall semester. Candidates are required to attend 4-5 full-day workshops, observe in schools and create a prepracticum binder. Additional field-based requirements are included in foundation and specialization courses.

**SPECIALIZATION (methods courses) (15 cr)**

- 04.535 Mathematics Teachers II
- 02.575 Curriculum & Teaching Methods: Mathematics
- 04.534 Mathematics for Teachers I
- 06.511 Reading in the Content Areas
- 06.607 Methods of Sheltered Language Instruction

**PRACTICUM AND ANALYSIS OF TEACHING SEMINAR (9cr)**

*OR*

**PRACTICUM EQUIVALENT AND ANALYSIS OF TEACHING SEMINAR**

*(for those employed full-time in a school)*

One semester of fulltime teaching or student teaching (12 weeks). Seminar meets one day a week from 4-6PM.

**TOTAL CREDITS**

**30 CREDITS**

Notes:

- Students should consult faculty advisors prior to registering each semester.
- Students are expected to demonstrate proficiency in applications of educational technology.
- Students are expected to have a minimum GPA of 3.25 before beginning the practicum or practicum equivalent.
- Students are expected to complete all coursework (including prerequisites) before beginning the practicum or practicum equivalent.
- Student are expected to demonstrate overall professional dispositions assessed by the faculty.
- Students must pass the Communication and Literacy Test and the Mathematics subject area test of the Massachusetts Test for Educator Licensure prior to proceeding to the practicum.