

## SCHOOL OF GRADUATE STUDIES

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### MASTER OF ARTS IN TEACHING (MAT) MIDDLE SCHOOL MATHEMATICS INITIAL LICENSURE OPTION

#### Objectives

The initial license option of the MAT Middle School Mathematics program is designed for those seeking to obtain initial license to teach middle school mathematics (5-8) in conjunction with their master's degree.

#### Admissions

Visit [salemstate.edu/graduate](http://salemstate.edu/graduate) for admissions requirements and deadlines.

Prerequisites for this program include a course in adolescent psychology.

It may be possible to take a limited number of courses prior to formal admission to the program. If you are interested in this option, please contact the graduate program coordinator. If you are accepted into the program, you must meet with the graduate program coordinator to develop a tentative plan of study and discuss any transfer credits. Graduate program coordinator contact information may be found at [salemstate.edu/graduate/programs](http://salemstate.edu/graduate/programs).

#### Program Requirements

All candidates must

- complete a minimum of 39 credit hours of graduate course work (described below)
- pass the Middle School Mathematics MTEL by the time 15 credits of mathematics courses in the program have been completed

#### Course Requirements

##### Education Courses

- EDU 884 Curriculum Issues in Middle School 3
- EDU 709 Instruction and Assessment in the Secondary Classroom OR 3  
OR EDG 851 Math for All Learners
- EDG 705 Responding to Diversity in the Classroom 3

##### Core Mathematics Courses

- MSM 701 Patterns, Relations and Algebra for Middle School Teachers 3
- MSM 703 Pre-Calculus for Middle School Teachers 3
- MSM 705 Geometry and Measurement for Middle School Teachers 3
- MSM 707 Number Systems for Middle School Teachers 3

• MSM 709	Data, Statistics and Probability for Middle School Teachers	3
Content-Based Methods Course		
• MAT 702N	Research on Teaching Methods in Mathematics	3
Practicum and Seminar		
• EME 990PM	Practicum in Middle School Mathematics	3
• EME 990SM	Practicum Seminar in Middle School Mathematics	3
Electives (choose two)		6
• MSM 711	Linear Systems for Middle School Teachers	
• MSM 713	Calculus for Middle School Teachers	
• MSM 715	Discrete Mathematics for Middle School Teachers	
• MSM 717	History of Mathematics for Middle School Teachers	
Total Credits		39

### Notes

Because the Commonwealth of Massachusetts may change educator licensure requirements, you are advised to contact the Department of Elementary and Secondary Education for specific, current licensure requirements. This information may be accessed at [doe.mass.edu](http://doe.mass.edu).

The School of Graduate Studies reserves the right to make changes in program and course requirements, policies and regulations as circumstances dictate. There is no guarantee that any listed course will be offered in any given semester. Therefore, you should meet regularly with your program coordinator to discuss your progress and revise your plan of study as needed.