



THE GRADUATE SCHOOL

352 Lafayette Street, Salem, MA 01970-5353

978.542.6323

www.salemstate.edu/graduate

email: graduate@salemstate.edu

MASTER OF ARTS IN TEACHING (MAT) – MIDDLE SCHOOL MATHEMATICS

PROGRAM OBJECTIVES:

The Master of Arts in Teaching Middle School Mathematics, a 39 credit hour program, will serve middle school teachers who already have an appropriate provisional certification with advanced standing or initial license, and who wish to complete a master's degree program to become eligible to apply for professional licensure.

ADMISSIONS REQUIREMENTS:

- A completed application form, available from the Graduate School Office, and a \$35.00 nonrefundable application fee made payable to Salem State College.
- A complete, official transcript documenting the award of a bachelor's degree.
- Official transcripts of any graduate courses taken or degrees held.
- Three completed Reference for Graduate Admission forms. These forms are available with the application or online. Please include references from people who have known you in both professional and academic capacities. Completed reference forms may have a letter attached to them.
- Official copy of test results taken within the last five years documenting satisfactory performance on either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). Those who already hold a master's degree are exempt from this requirement.
- All students for whom English is not a first language must submit satisfactory scores on the Test of English as a Foreign Language (TOEFL).
- A 500-1,000 word, type-written, double-spaced statement of purpose addressing the following questions:
What factors in your personal and professional history have influenced you in the past and now lead you to seek admission to this program at Salem State College?
What are your long-term professional goals, and how will this program help you meet them?
Is there any other information that you think would help the admissions committee to evaluate your application?

Additional requirements for the MAT-Mathematics:

- Provisional Certification with advanced standing or initial license. This includes a passing score on the Massachusetts Test for Educator Licensure (MTEL), both the communications/literacy portion and the subject area portion appropriate for this program, Mathematics or Middle School Mathematics, in addition to other requirements.

APPLICATION DEADLINE: Rolling Admissions

PROGRAM REQUIREMENTS:

Upon acceptance into the program, you will complete a tentative Plan of Study in consultation with the program coordinator. You must request that any transfer credits be considered at this time. PLEASE NOTE THAT NO MORE THAN THREE COURSES TAKEN AT SALEM STATE COLLEGE BEFORE ADMISSION CAN BE COUNTED TOWARDS THIS PROGRAM. You should meet regularly with the program coordinator to discuss your progress and revise your plan of study as needed.

All candidates for the M.A.T. –Middle School Mathematics must 1) complete a minimum of 39 credit hours of graduate course work, as described below and 2) achieve a 3.0 grade point average overall.

COURSE REQUIREMENTS:**CREDITS****Required Education Core Courses :****EDUCATION (9 credits)**

- EDG 850 Issues in Mathematics Education: Programs and Trends 3
- EDG 851 Mathematics for all Learners 3
- EDG 852 Action Research in Mathematics Education 3

DISCIPLINE (27 credits)

- 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
- MSM 711 Linear Systems for Middle School Teachers 3
- MSM 713 Calculus for Middle School Teachers 3
- MSM 715 Discrete Mathematics for Middle School Teachers 3
- MSM 717 History of Mathematics for Middle School Teachers 3

Note: Students whose background in mathematics is strong may, with the permission of the Master of Arts in Teaching Middle School Mathematics coordinator, substitute one or more of the above mathematics courses with the following list of MAT courses: MAT 704, MAT 705, MAT 706, MAT 707, MAT 708, MAT 710, MAT 711, MAT 712.

CLINICAL EXPERIENCE (3 Credits)

- EDG 992 Clinical Experience in Middle School Mathematics 3

Total Credits:**39**

Please be aware that the Commonwealth of Massachusetts may change licensure requirements. Students are advised to contact the state for specific, current licensure requirements. Students may access that information at www.doe.mass.edu

Subsequent to publication of this flowsheet, the Graduate School reserves the right to make changes in courses, program requirements, policies and regulations as circumstances dictate. There is no guarantee that any listed course will be offered in any given semester.