



# FAST TRACK IN MATHEMATICS-LICENSURE ONLY

**PROGRAM OBJECTIVES:** This intensive program of coursework and support seminars is designed for new teachers with academic background in the mathematics but who need courses in pedagogy and an initial teaching license. Courses are scheduled in a streamlined format in late afternoons, evenings and summers. Participants may complete the program in a year and a summer. Participants lacking content required by state and/or national standards will need to complete additional coursework. Program completion requires the preparation of a portfolio documenting learning and performance.

## ADMISSION REQUIREMENTS:

- A \$25.00 non-refundable application fee made out to Salem State College-check or money order.
- 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 Admissions* forms; referees may attach a letter, but must also return the provided form.
- All students for whom English is not a first language must submit scores from the Test of English as a Foreign Language (TOEFL).
- A 500 to 1000 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 to meet them? Is there any other information that you think would help the admissions committee to evaluate your application?
- A photocopy of your teacher's license(s) and/or scores on the Massachusetts Tests for Educator Licensure (MTEL).
- Personal interview with the Program Coordinator

## PROGRAM REQUIREMENTS:

### Prerequisites:

- Adolescent Psychology
- Satisfaction of Subject Matter Knowledge requirements in Mathematics, as documented below.

### Subject Matter Knowledge:

- Program completion includes participants' having met state DOE and NCATE-affiliated professional organizations' requirements for content knowledge in Mathematics. The Program Coordinator will document a candidate's satisfaction of content standards through a review of college transcripts and life experience. The program may require that the candidate take additional coursework as needed. Passing scores on the subject matter portion of the MTEL are required for admission to the program.

### Comprehensive Professional Development Portfolio:

- Candidates are expected to maintain a portfolio of artifacts documenting growth in professional development, following the "Teaching Proficiencies" established by the SSC School of Education, which incorporate both the state and NCATE professional standards in the assessment of candidate performance. Exhibition of this portfolio is required for program completion.

## APPLICATION DEADLINE:

**On an interim basis the Fast Track programs alone will have rolling admissions.**

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.

# Fast Track In Mathematics

## Course Descriptions

### Professional Courses:

Professional coursework addresses state Department of Education (DOE) mandated competencies for secondary teachers. Courses will be scheduled in formats appropriate to the yearly teaching calendar and the needs of developing professionals: as summer institutes, and on late afternoons, evenings, and weekends. The two-semester practicum will include a weekly seminar to provide ongoing support to new teachers and address issues and problems in timely and substantive ways.

### *SUMMER I*

EDU 709	Instruction and Assessment In Secondary Classrooms	3 Credits
MAT 702N	Research on Teaching Methods in Mathematics I	3 Credits

### *FALL*

EDU 884	Curriculum Issues in the Middle School	3 Credits
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### *OR*

EDU 808	The American High School	
EDU 925MA	Practicum/Internship Seminar in Mathematics Education	1.5 Credits

This course is designed to help candidates for initial teaching licenses develop confidence in their skills and abilities to meet the challenges of being new mathematics teachers, and develop positive mental habits and professional attitudes. Seminar supports an internship or practicum of positive mental habits and professional attitudes. Seminar supports an internship or practicum of at least 150 hours in a middle or secondary school math classroom. Seminar format will facilitate communications between practicum students/interns, their college supervisors and teaching professionals from their home schools. Prerequisites: completion of initial licensure program coursework, approval of program coordinator, and current position in the role of the license sought.

### *SPRING*

EDG 705	Responding to Diversity in the Classroom	3 Credits
EDU 925MB	Practicum/Internship Seminar in Mathematics Education	1.5 Credits

A continuation of EDU 925MA, this course is designed to help students develop into teaching professionals by exploring advanced classroom strategies, resources for practice, and opportunities for professional growth. Seminar supports an internship or practicum of at least 150 hours in a middle or secondary school mathematics classroom. Seminar format will facilitate communication between practicum students/interns, their college supervisors and teaching professionals from their home schools. Prerequisites: EDU 925MA, completion of initial licensure program coursework, approval of program coordinator, and current position in the role of the license sought.

**Total Credits**

**15 Credits**