

## Abraham S. Fischler School of Education

<http://www.fischlerschool.nova.edu/>

### Master of Science in Education Specialization: Mathematics Education Degree Program Only

**SAMPLE**

#### Entrance Requirements

1. Complete the admission application packet and submit a \$50.00 non-refundable fee (U.S. dollars) made payable to Nova Southeastern University (NSU).
2. Official transcripts from **all** previously attended academic institutions. An official transcript indicating conferral of a bachelor's degree from a regionally accredited institution is required.
3. Evidence of a minimum **2.5** cumulative grade point average (CGPA) **or** test scores from the Graduate Record Exam (GRE) with a combined score of 1000 for the verbal and quantitative scales only. The GRE must have been taken within the past 5 years from the date of application.
4. Applicants who do not meet the minimum 2.5 GPA or GRE score requirement, may enroll in a maximum of six (6) credit hours and must earn a grade of B or higher in each course during the first term of enrollment for **conditional admission**. Students who do not earn a grade of B or higher in each course will be subject to dismissal from the program.

#### Coursework Sequence

	Completed	Course Title	Credit
1		EDU 5000 Orientation to the Graduate Teacher Education Program*	0
2		CUR 526 Educational Research for Practitioners	3
3		EDU 601 Professional Seminar I	0
4		MAT 522 Methods of Teaching Middle and Secondary Mathematics	3
5		MAT 512 Pre-Algebra and Elementary Number Theory for Teachers	3
6		MAT 509 Learning and Teaching Geometry in the K -12 Classroom	3
7		MAT 507 Linear and Abstract Algebra for Teachers	3
8		MAT 513 Problem-Solving Strategies in Mathematics Classrooms	
9		MAT 662 History, Current Trends, and Technology in Mathematics Education	3
10		MAT 687 Diagnosis and Remediation of Learning Difficulties in Mathematics	3
11		MAT 511 Teaching Probability and Statistics in the K -12 Classroom	3
12		MAT 516 Elements of Differential Calculus <b>OR</b> MAT 508 Conquering the Teaching of Calculus	3
13		MAT 517 Elements of Integral Calculus* <i>Prerequisite/s: MAT 516</i> <b>OR</b> MAT 506 Strategies for Teaching Calculus	3
14		MAT 510 Research and Applied Mathematical Experiences in Schools	3
15		EDU 602 Professional Seminar II*	0
<b>Total Credits Required for Degree</b>			<b>36</b>

#### Benchmarks:

1. Complete CUR 526, EDU 5000 and EDU 601 within first term of program at NSU
2. Maintain a 3.0 cumulative GPA
3. Complete program capstone: MAT 510 – Research and Applied Mathematical Experiences in Schools
4. Earn a “Pass” in EDU 601 & 602- Professional Seminar I & II (Florida Accomplished Educational Practices)

\*Program Prerequisites: MAT 512 must be the first MAT prefix course taken in the program. To check prerequisites, click on the individual course ID in the schedule; [http://www.fischlerschool.nova.edu/current-students/master\\_edspecialist-schedule](http://www.fischlerschool.nova.edu/current-students/master_edspecialist-schedule).

#### Exit Requirements

- Degree Application <http://www.nova.edu/cwis/registrar/faq.html>

#### Important Student Notice

Students are strongly encouraged to visit the Abraham S. Fischler School of Education catalog for degree and program requirements; <http://www.fischlerschool.nova.edu/current-students/studentcataloghandbook>. The student has **6** years to complete degree from first session enrolled. **This program is not designed to meet specific certification/licensing requirements. Students seeking certification need to check with their state whether this program is suitable for their career goals.**

Abraham S. Fischler School of Education

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Effective Fall Term 2011

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