

2018

Ed.S. in Mathematics Education 2018

Nova Southeastern University

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Ed.S. Mathematics Education 2018

The Ed.S. with a specialization in Mathematics Education focuses on training educators to develop and administer mathematics programs in K-12 schools, as well as in the areas of middle and secondary school mathematics. This specialization provides educators with skills for assessment, curriculum development, and teaching subject areas such as geometry, algebra, and calculus. Course content is research-based and infuses best practices in education.

Who Should Apply

- Practicing mathematics teachers who wish to obtain an Ed.S. in mathematics education and increase their expertise in their current field; OR
- Individuals with a master's degree who wish to obtain a graduate degree and increase their knowledge and skills in mathematics education

Entrance Requirements

- Completed admission application packet, including a \$50 nonrefundable application fee made payable to Nova Southeastern University
- Official transcript indicating conferral of a master's degree by a regionally accredited institution (3.0 minimum cumulative grade point average required)
- Official transcripts from all previously attended postsecondary institutions

Curriculum

COURSE NUMBER	COURSE TITLE AND DESCRIPTION	CREDITS
EDU 5000	Orientation to the M.S. and Ed.S. Program	0
EDU 0708	Research Design in Education	3
EDU 0719	Current Research in Human Development	3
EDU 0729	Evaluation and Assessment Practices	3
MAT 0704	Algebra for Teachers	3
MAT 0705	Advanced Problem-Solving Strategies for Teachers	3
MAT 0680	The K-12 Mathematics Curriculum: Teaching, Learning, Assessment and Diversity	3
MAT 0701	Creative Geometry for the Classroom	3
EDU 0702	Curriculum Trends and Innovation	3

EDU 0714	Families, Schools, and Communities: Current Perspectives in a Diverse Society	3
MAT 0700	Incorporating Calculus Ideas in the Classroom	3
MAT 0702	Probability and Statistics for the Educational Specialist	3
APR 0750	Educational Field-Based Project	3
TOTAL CREDITS: 36		

Capstone

This capstone project is the final step in the completion of the program. Graduate students will learn how to write a winning proposal through research and coursework and design a successful mathematics intervention program for their targeted population through both qualitative and quantitative research approaches. The major outcome of this capstone will be to develop an actual funding and grants proposal for their school or district.

Convenient Delivery Options

Coursework in the math education degree program is conducted entirely online. This approach allows all students – including international students and those who don't live near our South Florida campuses – to receive and submit coursework and interact with participants and professors via the Internet. This distance education option allows busy professionals the option to complete their degree without having to leave their jobs or travel long distances.

Faculty

Faculty members in the [Department of Curriculum & Instruction](#) are dedicated to preparing aspiring teachers and those seeking careers as professionals in education-related fields. Hailing from NSU and other major universities and institutions throughout the country and around the world, our faculty are highly respected professional practitioners and recognized scholars who are carefully selected on the basis of their subject area expertise, teaching abilities, and professional involvement. Furthermore, they are united in their desire to not only educate, but to inspire students to use what they learn to motivate others.

Meet the Faculty and Staff of the [Department of Curriculum & Instruction](#)

Completion Requirements

- Satisfactory completion of all required coursework
- Successful completion of the field-based project
- Cumulative grade point average of 3.0 or higher
- Completed application for degree

State Requirement for Certification

Students are advised to contact their state department of education or an Enrollment Services Representative (Academic Advisor) to determine if this program is suitable for certification/licensure and their career goals.

[Nevada Endorsement, Autism K-12](#)