

2016

Mathematics Education Curriculum 2016

Nova Southeastern University

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Mathematics Education Curriculum 2016

Curriculum

Course Number	Course Title and Description	Credits
EDU 5000	Orientation to the Graduate Teacher Education Program	0
EDU 708	Research Design in Education	3
EDU 702	Curriculum Trends and Innovation	3
EDU 714	Families, Schools, and Communities Ethical Issues and Practices	3
EDU 719	Current Research in Human Development	3
EDU 729	Evaluation and Assessment Practices	3
MAT 704	Algebra for Teachers	3
MAT 705	Advanced Problem-Solving Strategies for Teachers	3
MAT 701	Creative Geometry for the Classroom	3
MAT 700	Incorporating Calculus Ideas in the Classroom	3
MAT 702	Probability and Statistics for the Educational Specialist	3
MAT 680	The K-12 Mathematics Curriculum Teaching, Learning, Assessment and Diversity	3
APR 750	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.