

Master of Science - Mathematics Education, M.S.

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Requirements

The Master of Science in Mathematics Education (MS-MEd) is designed for individuals interested in strengthening their understanding of mathematics, statistics, and educational theory and practice in order to enrich their own teaching of mathematics and statistics. Completion of the program will also qualify individuals to teach concurrent enrollment courses and to teach at some community colleges and universities. For college-level academic concurrent enrollment (dual-credit) courses, the Utah Valley University Mathematics Department requires that instructors have a master's or doctoral degree with 18 graduate hours in mathematics or statistics. However, the MS-MEd does not lead to a teaching license. The program is flexible to serve the needs of in-service teachers.

Total Program Credits: 30

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Admission to the Graduate Program. 2. A bachelor's degree from a regionally accredited institution, equivalent undergraduate coursework to the Mathematics Endorsement 4, and at least two years of teaching experience. 3. A passing score on the Entrance Exam or MATH 6000 Mathematics Core Review. 		
Discipline Core Requirements:		30 Credits
MATH 6100	Topics in Geometry and Topology	3
MATH 6210	Real Analysis	3
MATH 6310	Modern Algebra	3
MATH 6330	Advanced Linear Algebra	3
EDUC 6100	Research Methodology	3
EDUC 6200	Masters Project	3
EDUC 6320	21st Century Instruction and Assessment	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
STAT 6010	Theory of Statistics I	3
Complete One of the following courses for a total of 3 credits		3
STAT 6020	Theory of Statistics II (3)	
MATH 6410	Topics in Ordinary Differential Equations (3)	
MATH 6610	Numerical Methods and Modeling (3)	
MATH 6620	Topics in Numerical Analysis (3)	
MATH 6700	Applications of Mathematics (3)	

Graduation Requirements:

1. Completion of a minimum of 30 credits.
2. Overall grade point average of 3.0 (B) or above.
3. Residency hours -- minimum of 21 credit hours through course attendance at UVU.

4. Courses and project requirements must be finished within a five-year period. No courses will apply toward graduation which are older than five years.
5. Individual grade of C or higher in all coursework applied toward the degree.

Master of Science - Mathematics Education, M.S. Graduation Plan

This graduation plan is a sample plan and is intended to be a guide. Your specific plan may differ based on your Math and English placement and/or transfer credits applied. You are encouraged to meet with an advisor and set up an individualized graduation plan in [Wolverine Track](#).

Milestone courses (pre-requisites for a course in one of the subsequent semesters) are marked in red and italicized.

Semester 1	Course Title	Credit Hours
MATH 6210	Real Analysis	3
	Semester total:	3
Semester 2	Course Title	Credit Hours
MATH 6310	Modern Algebra	3
EDUC 6320	21st Century Instruction and Assessment	3
	Semester total:	6
Semester 3	Course Title	Credit Hours
EDUC 6100	Research Methodology	3
	Semester total:	3
Semester 4	Course Title	Credit Hours
MATH 6100	Topics in Geometry and Topology	3
EDUC 6200	Masters Project	3
	Semester total:	6
Semester 5	Course Title	Credit Hours
MATH 6330	Advanced Linear Algebra	3
EDUC 691R	Project I	1
	Semester total:	4
Semester 6	Course Title	Credit Hours
STAT 6010	Theory of Statistics I	3
EDUC 692R	Project II	1
	Semester total:	4
Semester 7	Course Title	Credit Hours
Elective		3
EDUC 693R	Project III	1
	Semester total:	4
	Degree total:	30