

Master of Education - Elementary STEM Emphasis, M.Ed.

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Requirements

The Master of Education Degree (M.Ed.) at Utah Valley University is an applied master's program aimed at building the instructional skills and professional competency of teachers. Currently there are twelve emphases for participants: Applied Behavioral Analysis; Educational Leadership; Educational Technology; Elementary Mathematics; Elementary STEM, English as a Second Language (ESL), Gifted and Talented Education, Higher Education Leadership, Reading I, School Counseling, Secondary Teaching and Teacher Leadership. The M.Ed. program emphasizes coursework that prepares teachers to become instructional leaders, with classes in advanced pedagogy, subject matter content, curriculum design, and assessment. Core coursework in research methods is required of participants in all options, however, students select a topic for a culminating project according to their interest or area of licensure in K-12 education. Students who have completed the appropriate USBE endorsement through a UVU approved district endorsement program will be admitted to this endorsement emphasis. All endorsement courses must have been completed within three years of admission to the M.Ed. Endorsement Emphasis to comply with the five-year limit on acceptable coursework. UVU will accept up to 12 endorsement credits and an additional 24 credits will be earned through UVU.

Total Program Credits: 30

Matriculation Requirements:		
<ol style="list-style-type: none"> 1. Application for admission. 2. Bachelor degree from an accredited institution. 3. Overall grade point average in undergraduate work of 3.0 or higher or have a grade point average of 3.0 or higher for the last 60 semester hours of college or university credit. 4. Interview with School of Education Graduate Committee. 5. Three professional letters of recommendation. 		
Preference will be given to individuals who have at least one year of successful teaching experience in grades K-12. A one-year internship will count as the preferred year of successful teaching.		
Preference will be given to practicing teachers who have access to an established classroom.		
Discipline Core Requirements:		12 Credits
EDUC 6100	Research Methodology	3
EDUC 6110	Applied Statistics for Education	3
EDUC 6200	Masters Project	3
EDUC 691R	Project I	1
EDUC 692R	Project II	1
EDUC 693R	Project III	1
Emphasis Requirements:		18 Credits
Students may transfer up to 12 credits from 5000 level courses taken in this area of study; however, 24 additional credits of master's level courses would be required. Please contact your advisor for more information.		
EDUC 6540	Teaching K-8 Data Analysis and Problem Solving	3
EDUC 6750	Energy in Elementary STEM Education	3
EDUC 6760	Force in Elementary STEM Education	3

EDUC 6770	Matter in Elementary STEM Education	3
EDUC 6780	Science and Engineering in Elementary STEM Education	3
EDUC 6790	Technology and Problem-Based Learning in Elementary STEM Education	3

Graduation Requirements:

1. Complete all courses with a grade of B- or better with an overall GPA of 3.0 or higher.
2. Graduate project proposal accepted by School of Education Graduate Committee.
3. Graduate project completed and accepted by the School of Education Graduate Committee.
4. Courses and project requirements must be finished within a five year period. No courses will apply toward graduation that are older than five years.

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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
EDUC 6540	Teaching K-8 Data Analysis and Problem Solving	3
EDUC 6100	Research Methodology	3
EDUC 6780	Science and Engineering in Elementary STEM Education	3
	Semester total:	9
Semester 2	Course Title	Credit Hours
EDUC 6200	Master's Project	3
EDUC 691R	Project I	1
	Semester total:	4
Semester 3	Course Title	Credit Hours
EDUC 6770	Matter in STEM for Elementary Teachers	3
EDUC 692R	Project II	1
	Semester total:	4
Semester 4	Course Title	Credit Hours
EDUC 6750	Energy in STEM for Elementary Teachers	3
EDUC 6110	Applied Statistics for Education	3
	Semester total:	6
Semester 5	Course Title	Credit Hours
EDUC 6540	Teaching K-8 Data Analysis and Problem Solving	3
	Semester total:	3
Semester 6	Course Title	Credit Hours
EDUC 6790	Technology and Problem-Based Learning in Elementary STEM Education	3
EDUC 693R	Project III	1
	Semester total:	4
	Degree total:	30