

<p>Graduate School of Education Master of Education Curriculum and Instruction:</p>
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Mathematics Education Concentration

The Curriculum and Instruction M.Ed. is thirty credits culminating in a capstone project. This is a blended program with some courses taught online (marked *) and some on campus. Candidates must hold a Massachusetts INITIAL license in mathematics. Massachusetts teachers seeking professional licensure should contact vera_ossen@uml.edu

Foundations		<u>3 credits minimum</u>
01.630	Educating Diverse Population* (previously named Diversity Issues for School Leaders)	
Research		<u>3 credits minimum</u>
07.541	Practitioner Action Research*	
Curriculum (choose 2)		<u>6 credits minimum</u>
04. 637	History and Theory of Curriculum*	
04.635	Dynamics of Curriculum Change*	
04.638	Curriculum Design K-12*	
Instruction (Mathematics Department)		<u>15 credits minimum</u>
(Choose 5)		
92.520	Mathematical Problem Solving	
92.500	Discrete Structures	
92.503	Mathematical Analysis	
92.510	Computers and Calculators in the Classroom	
92.513	Number Theory	
92.521	Algebraic Structures	
92.523	Linear Algebra	
92.527	Geometry	
92.535	History of Mathematics	
92.550	Mathematical Modeling	
92.570	Probability and Statistics	
Capstone Project		<u>3 credits minimum</u>
04.650	Capstone Project*	
<i>(This course should be taken as the culminating course in the program)</i>		