



MA STEM Education: Math Education with Middle School Mathematics Endorsement

Recommendations for endorsements are made by the STEM Education Program, but endorsement is granted by the State of Colorado. Individual state requirements vary and may include teaching experience and examinations in addition to a valid teaching credential. Students should consult with the Colorado Department of Education (http://www.cde.state.co.us/cdeprof/licensure_authorization_landing) or another state in which they wish to be endorsed for the most updated endorsement requirements.

Semester Offered	Courses	Credits	Semester Completed
Summer	MTED 5621: A world of different numbers	3	
Fall	MTED 5622: Expanding Conceptions of Algebra	3	
Spring	MTED 5623: Geometrical Reasoning	3	
Fall	STME 5030: Exploring Approaches to STEM Education: Making Student Learning Visible	3	
Spring	STME 5020: Learning and Assessment in STEM: Embracing Design Thinking	3	
Every semester	RSEM 5100: Basic Statistics	3	
Spring/Maymester	MTED 5070: (Re)Humanizing the Teaching and Learning of Mathematics	3	
Choose One: (Fall/Spring: Courses Rotate)	MTED 5030: Theories of Mathematics Learning MTED 5050: Critique of Mathematics Education Research STME 6110: Science and Math Curriculum Studies	3	
Every semester	RSEM 5080 Research in Schools (or other RSEM course with Faculty Advisor approval)	3	
Every semester	Choice of graduate-level course with Faculty Advisor approval	3	
Total Credit Hours		30	