

MIDDLE SCHOOL MATH ENDORSEMENT

Introduction

CU Denver's online Middle School Math endorsement is designed for currently licensed teachers who are seeking career advancement and a deeper understanding of how to engage middle school students in math. Mathematical learning opportunities matter and not all students receive the same kinds of opportunities. This endorsement will give you the unique qualifications you need to support and challenge students with diverse abilities and backgrounds.

Program Requirements

Required Courses

Code	Title	Hours
MTED 5621	A World of (Different) Numbers: Quantity and Operation	3
MTED 5622	Expanding Conceptions of Algebra	3
MTED 5623	Geometrical Ways Of Reasoning	3
RSEM 5100	Basic Statistics	3
MTED 5070	(Re)Humanizing the Teaching and Learning of Mathematics	3
STME 4020	Learning and Assessment in STEM: Embracing Design Thinking	3
STME 4030	Exploring Approaches to STEM Education: Making Student Learning Visible	3
Select one of the following: ¹		3
MTED 5030	Theories Of Mathematics Learning	
MTED 5040	Mathematics Teaching - Theory and Practice	
MTED 5050	Critique Of Mathematics Education Research	
MTED 5060	Developmental Pathways In Students' Mathematical Thinking	
Total Hours		24

¹ Students may take one of these courses when they are offered in hybrid and/or online format.