

# Mathematics Education (MS)

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## Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>			
Select four of the following: <sup>1</sup>		12	
EMS 513	Teaching and Learning of Algebraic Thinking		
EMS 514	Teaching and Learning of Geometric Thinking		
EMS 519	Teaching and Learning of Statistical Thinking		
EMS 510	Interactions In the Mathematics Classroom		
EMS 573	Design of Tools and Learning Environments in STEM Education		
EMS 580	Teaching Mathematics with Technology		
STEM Education course		3	
Mathematical Science courses <sup>2</sup>		15	
Elective course		3	
Research course		3	
<b>Total Hours</b>		<b>36</b>	

<sup>1</sup> One must be a technology course

<sup>2</sup> 6/15 credit hours may be taken at 400 level

## Faculty

### Full Professors

Jo-Ann D. Cohen

Karen Flanagan Hollebrands

Hollylynne Stohl Lee

Paola Sztajn

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### Associate Professors

Jessica Heather Hunt

Temple A. Walkowiak

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### Assistant Professors

Robin Keturah Anderson

Sunghwan Byun

Ruby Ellis

Erin Krupa

Jonee Wilson

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### Emeritus Faculty

Norman Dean Anderson

Jere Confrey

John Ronald Kolb

Larry W. Watson