

Mathematics Education (Minor)

Plan Requirements

Master's Requirements

Code	Title	Hours
Required Courses		9
Select three of the following courses:		
EMS 510	Interactions In the Mathematics Classroom	
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 580	Teaching Mathematics with Technology	
EMS 573	Design of Tools and Learning Environments in STEM Education	
Total Hours		9

PhD Requirements

Code	Title	Hours
Required Courses		12
Select three or four courses from the following:		
EMS 704	Curriculum Development and Evaluation In Science and Mathematics	
EMS 705	Education and Supervision Of Teachers Of Mathematics and Science	
EMS 711	Research on the Teaching and Learning of Math at Secondary and Early College Levels	
EMS 712	Teaching Mathematics In Elementary and Junior High School	
EMS 770	Foundations Of Mathematics Education	
EMS 791	Contemporary Research and Critical Issues in STEM Education	
Select one or no courses from the following:		
EMS 510	Interactions In the Mathematics Classroom	
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 580	Teaching Mathematics with Technology	
EMS 573	Design of Tools and Learning Environments in STEM Education	
Total Hours		12

Faculty

Full Professors

Jo-Ann D. Cohen

Karen Flanagan Hollebrands

Hollylynne Stohl Lee

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Associate Professors

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Temple A. Walkowiak

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Emeritus Faculty

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