Mathematics Education (Minor)

Plan Requirements

Master's Requirements

Code	Title	Hours	Counts towards
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	Counts towards
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

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Associate Professors

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