

# Assessment Plan

## Assessment Plan – Department of Mathematics and Statistics M.S. in Mathematics Education

Every course will be assessed for all relevant student learning outcomes each time the course is offered.

<b>M.S. Program in Mathematics Education</b>	<b>Outcome #1: Content</b>	<b>Outcome #2: Research</b>	<b>Outcome #3: Leadership</b>	<b>Outcome #4: Equity</b>
<b>Math 610</b> Topics in Mathematics for Secondary Teachers: Analysis	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 620</b> Topics in Mathematics for Secondary Teachers: Geometry	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 630</b> Topics in Mathematics for Secondary Teachers: Foundations of Mathematics	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 633</b> Topics in Mathematics for Secondary Teachers: Number Theory	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 635</b> Topics in Mathematics for Secondary Teachers: Discrete Mathematics	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 637</b> Topics in Mathematics for Secondary Teachers: History of Mathematics	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 640</b> Topics in Mathematics for Secondary Teachers: Modern Algebra	<b>Cumulative Final Assessment</b>	NA	NA	NA

<b>M.S. Program in Mathematics Education (continued, page 2)</b>	<b>Outcome #1: Content</b>	<b>Outcome #2: Research</b>	<b>Outcome #3: Leadership</b>	<b>Outcome #4: Equity</b>
<b>Math 650</b> Topics in Mathematics for Secondary Teachers: Probability and Statistics	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 660</b> Topics in Mathematics for Secondary Teachers: Mathematical Modeling	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>Math 698</b> Grad Advanced Topics in Math	<b>Cumulative Final Assessment</b>	NA	NA	NA
<b>MTHE 601</b> Research in Mathematics Education	NA	<b>Literature Review Project</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>MTHE 680</b> Methods of research in Science Education	NA	<b>Methods of Research Project</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>EDMA 610</b> Introduction to Inquiry in Education	NA	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>EDCI 601</b> Curriculum Development and Instructional Design	NA	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>EDCI 602</b> Assessment and Evaluation of Learning	NA	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>EDCI 611</b> Analysis of Instruction	NA	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>EDCI 689</b> Professional Field Experience	NA	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>

<b>M.S. Program in Mathematics Education (continued, page 3)</b>	<b>Outcome #1: Content</b>	<b>Outcome #2: Research</b>	<b>Outcome #3: Leadership</b>	<b>Outcome #4: Equity</b>
<b>EDUC 498</b> Special Topics	<b>NA</b>	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>MTHE 690</b> Thesis/ Project Writing Seminar	<b>NA</b>	<b>Portfolio</b>	<b>Portfolio</b>	<b>Portfolio</b>
<b>Math 699T</b> Master's Study	<b>Thesis Defense</b>	<b>Thesis Defense</b>	<b>Thesis Defense</b>	<b>Thesis Defense</b>
<b>Math 699P</b> Master's Project	<b>Thesis Defense</b>	<b>Thesis Defense</b>	<b>Thesis Defense</b>	<b>Thesis Defense</b>