Master of Science in Mathematics (Mathematics Education Option)

The MSMME program emphasizes the teaching and learning of secondary mathematics and offers a blend of courses addressing key topics in mathematics content and pedagogy.

The MSMME curriculum incorporates problem-based and active learning and aligns with the NCTM Principles and Standards for School Mathematics as well as the Common Core State Standards for Mathematics. The 30-credit-hour program includes four required core content courses, two required pedagogy courses from a choice of four, and a variety of elective courses. Embedded in the required coursework are classroom-based research projects that address specific challenges in teaching, investigate new instructional strategies, or allow teachers to design, teach, and assess lessons in a specific content area.

Completing the program typically requires taking a series of online courses over two academic years and attending at least one (required) three-week summer session in Montana. Courses are offered on the Bozeman campus each summer. Additionally, two online courses are offered each summer, fall, and spring. All course credits may be applied toward teacher license renewal.

Summer Session 2017, which begins June 12 and ends July 28 for Mathematics Education, will include the following courses:

**On-Campus Courses**

**June 26 - July 14, 2017**
Enroll through the Office of the Registrar

M 524 Linear Algebra for Teaching 3

**June 26 - July 14, 2017**
Enroll through the Office of the Registrar

M 419 Ratio and Proportion in School Mathematics 3
M 519 Ratio and Proportion in School Mathematics 3

**Distance Delivery Courses**

**June 12 - July 28, 2017**
Enroll through the Office of the Registrar

M 518 Statistics For Teaching 3
M 520 Standards-Based Math for Teachers 3

For more information on the Master of Science in Mathematics - Mathematics Education option consult the Web page

www.math.montana.edu/MSMME or contact:

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Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.