

MA in Mathematics, Teaching Option Curriculum Mapping

The Master of Arts in Mathematics provides advanced study in mathematics, including algebra, analysis, geometry and discrete mathematics. Graduates of the program are competitive in the job market and/or are prepared to continue their graduate studies in mathematics education at the doctoral level. Students must take MATH 581, MATH 582, MATH 584, MATH 586, MATH 587, MATH 599 as well as 12-units of 400-, 500-level mathematical content courses.

The MA in Mathematics, Teaching Option program has identified three student learning outcomes (SLOs) as being essential for all graduates.

Student Learning Outcomes

A graduate of the Mathematics, Teaching Option program should be able to:

- 1. Problem Solving** Make sense of problems, persevere in solving them and pose other problems.
 - 2. Preparation** Be competitive in the job market, and/or be prepared to continue graduate studies at the Ph.D. level.
 - 3. Communication** Communicate mathematics in written and oral forms.
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Curriculum Maps

The Graduate Program in Statistics committee developed a curriculum map (CM) for each of the courses determining the extent to which each of these learning outcomes is:

Introduced (I)
Developed (D)
Mastered (M)

in the program.

Course	Problem Solving	Preparation	Communication
Electives	D	D	D
581	M	M	M
582	I	I	I
584	M	M	M
586	D	D	D
587	I	I	I
599	M	M	M