

M.S. – Mathematics Teaching: Thesis and Non-thesis Options

- The current MS – Mathematics Teaching is a 36 hour non-thesis program. This program is unchanged and serves as the Non-Thesis Option of this program.
- The new Thesis Option in this program accommodates a 6 hour thesis requirement by reducing the core requirements from 18 hours to 15 hours and the Designated Elective requirement from 12 hours to 9 hours.

	Non-Thesis Option	Thesis Option (New)
Core	Complete the following six courses: MATH 6331 Algebra I MATH 6332 Algebra II MATH 6352 Analysis I MATH 6353 Analysis II MATH 6365 Probability & Statistics MATH 6387 Modeling	Complete the following three courses: MATH 6331 Algebra I MATH 6352 Analysis I MATH 6365 Probability & Statistics Any two courses selected from: MATH 6332 Algebra II MATH 6353 Analysis II MATH 6387 Modeling
Designated Electives	Complete the following four courses: MATH 6308 Teaching of Algebraic Concepts MATH 6310 Topics in Mathematics Teaching MATH 6312 Teaching of Geometric Concepts MATH 6390 Mathematics Seminar	Complete the following course MATH 6390 Mathematics Seminar And any two courses selected from: MATH 6308 Teaching of Algebraic Concepts MATH 6310 Topics in Mathematics Teaching MATH 6312 Teaching of Geometric Concepts
Free Electives	Select an additional 6 hours of approved electives.	Select an additional 6 hours of approved electives.
Thesis		<i>MATH 7300 Thesis I (new course)</i> <i>MATH 7301 Thesis II (new course)</i>