Mathematics (M.S.)

Research:
MATH 695 must be taken for at least 3 credits.
- MATH 695 Mathematics Research

Mathematics Core:
The mathematics core consists of four of the following courses (12 credits).
- MATH 526 Topology I
- MATH 530 Real Variables I
- MATH 531 Complex Variables I
- MATH 537 Mathematical Modeling
- MATH 612 Commutative Algebra
- MATH 640 Graph Theory
- MATH 646 Linear Programming and Optimization
- MATH 615 Applied Linear Algebra

Electives:
- 18 credits approved by the department.

Culminating Experience:
- Successful completion of an oral examination on the student’s research project administered in MATH 695 by the student’s graduate faculty committee.

Note:
- At least one-half of the credit hours must be in courses numbered 600 or above.
- At most one of MATH 510, 512, and 513 will count toward the 33 hours required for the degree.

Note:
- Courses in the 500 series are open to undergraduates as *400 series. Graduate students are required to do additional work of a research nature. A course taken at the 400 level may not be repeated at the 500 level.