

Master of Science

Requirement. A minimum of 31 credit hours of course work. Up to 6 of these credits may be taken from a field of application.

A master's project is required.

Colloquium Requirement. All M.S. candidates will attend and succinctly summarize and evaluate in writing at least 8 professional seminars.

Prerequisites.

Math 501 - PDE

Math 508 - Applied Numerical Method I

Math 509 - Applied Numerical Method II

Math 517 - Intermediate Real Analysis I

Math 518 - Intermediate Real Analysis II

Math 522 - Applied Complex Variables

At most three of these can be applied towards the 30-credit degree requirement.

Requirement.

Math 617- Measure and Integration

Math 618 - Applied Functional Analysis

Math 637 - Tensor Calculus and Differential Geometry

Math 693 - Methods of Applied Mathematics

Math 622 - Numerical Solutions to Differential Equations

or Math 721 - Advanced Applied Numerical Method I

Math 632 – Master's Project

And at least 15 additional credit hours of approved graduate course work.