APPLIED AND COMPUTATIONAL MATHEMATICS, MS

LEARNING OUTCOMES

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1. Describe and analyze key concepts from a substantial body of mathematics presented in introductory graduate-level courses in mathematics.
2. Demonstrate knowledge of mathematical techniques used to solve problems motivated by applications.
3. Identify and implement strategies to solve problems using mathematical modeling, computational methods and/or data-driven approaches.
4. Communicate clearly in written and/or oral presentations.
5. Recognize and apply principles of ethical and professional conduct.