Department: Mathematics
Program Name: Mathematics-Education
Program Level: Graduate
College: Arts and Sciences
Program: M.S.E.
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Title: Department Chair
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Program Outcomes

Outcome 1: Students completing the MSE – Mathematics program will exhibit an increased knowledge and proficiency in six fundamental conceptual categories – calculus, algebra, functions, geometry, statistics, and probability.

Outcome 2: Students completing the MSE – Mathematics program will exhibit an increase in pedagogical content knowledge.

Outcome 3: Students completing the MSE – Mathematics program will be positioned to further infuse emerging technology into their classrooms which encourages more active and inquiry based learning.

Outcome 4: Students completing the MSE – Mathematics program will increase their expertise in the development and implementation of tasks and activities that emphasize rigor and coherence, as defined in the Common Core Math Standards.

Outcome 5: Students completing the MSE - Mathematics program will increase their understanding of mathematical habits of mind (CCSS - Mathematical Practice Standards) and their expertise in developing these habits with their students.