Student Learning Outcomes

College:  Liberal Arts & Sciences
Department:  Mathematics and Statistics
Degree Program:  Master of Arts in Mathematics Education

1) Teacher candidates demonstrate in-depth knowledge of the content that they plan to teach through inquiry, critical analysis, and synthesis of the subject and are leaders in the content that they teach.

2) Candidates demonstrate in-depth understanding of the content and theories related to pedagogy and learning and are able to select, use and explain a broad range of evidenced-based instructional strategies and technologies that promote student learning.

3) Candidates engage in professional activities and reflective practice which require them to analyze current research and policies related to schooling, teaching, and learning, and to collaborate with the professional community to create meaningful learning experiences for all students.

4) Candidates demonstrate leadership and classroom behaviors consistent with fairness and the belief that all students can learn, including creating caring, supportive learning environments, encouraging student-directed learning, and making adjustments to their own professional dispositions when necessary.

5) Candidates demonstrate a thorough understanding of assessment through analysis of student, classroom, and school performance data and subsequent data-driven decisions about strategies for teaching and learning so that all students learn.