

The Master of Arts Degree in Teaching, Learning and Teacher Education
UNL Department of Teaching, Learning and Teacher Education

Math in the Middle teachers can earn a Master of Arts (MA) degree in Teaching, Learning and Teacher Education. The work consists of:

Teac 800 - Inquiry into Teaching and Learning
801 - Curriculum Inquiry
888 - Teacher as Scholarly Practitioner
895 - Independent Study
(Replaces Math 805T - Discrete Mathematics for Middle Level Teachers)
895 - Independent Study
(Replaces Math 807T - Using Mathematics to Understand our World)
889 - Masters Seminar
(Replaces Math 896 - Seminar - Integrating the Learning and Teaching of Mathematics)

The following courses lead to a Minor in Mathematics

Math 800T - Mathematics as a Second Language
802T - Functions, Algebra, & Geometry for Middle Level Teachers
804T - Experimentation, Conjecture, and Reasoning
806T - Number Theory and Cryptology for Middle Level Teachers
808T - Concepts of Calculus for Middle Level Teachers

Stat 892 – Topics in Probability and Statistics (Math in the Middle)

Teachers with prior graduate credits may request substitutes for the program above but a minimum of 18 hours must be from Teaching, Learning and Teacher Education.

If you choose this option, you must meet the following expectations.

Part I. You will complete Summative Project based on your action research project of a minimum length of 25 double spaced pages (this does not include references or appendices). The exact length will be guided by your advisor and depends on the extent of your literature review, the depth of your analysis of data and report of your findings, and the richness of the discussion of your results and implications for theory and practice. You will work with your advisor through several iterations of feedback to meet these expectations.

Part II. You will create a Math in the Middle Institute Portfolio which represents your journey through Math in the Middle. Your portfolio will include reflections on and analysis of artifacts of your learning in the areas of mathematics, pedagogy, leadership, and action research. You will receive specific guidelines for this.

Part III. The candidate will appear before a MA committee and their peers on the last two days of the capstone course and give an oral presentation based on the work of Part I and one area of Part II (not including Action Research). The presentation will be approximately 20-30 minutes in length. Following the presentation, the committee will ask questions designed to probe the candidate's depth of understanding of the process and product of the Action Research Project as well as one's journey through Math in the Middle, as represented in one area of the portfolio. Expect the committee to be interested in your Action Research Project and your experiences in Math in the Middle. Thus, you should expect them to ask questions and raise interesting points about what you have presented.