

CURRICULUM CONTRACT



MA Math/Secondary Education Teacher Leader Minor

Content Major Requirements

Math Major—18 hours

The following core courses are required:

Core Mathematics Courses:

- MATH 501 Introduction to Probability and Statistics I
MATH 503 Introduction to Analysis
MATH 423G Geometry II or MATH 523 Topics from Geometry
MATH 514 Applications and Modeling for Teachers

Elective Mathematics Courses (6 hours required):

- MATH ____ (Elective)
MATH ____ (Elective)

Choose from the following: MATH 405G, 406G, 409G, 415G, 417G, 421G, 423G, 431G, 432G, 435G, 439G, 450G, 470G, 475G, 500, 504, 509, 510, 511, 512, 517, 523, 529, 531, 532, 535, 536, 539, 540, 541, 542, 550, 560, 570, 590, 599, STAT 549.

Notes:

- A maximum of 9 hours at the 400G level may be included in the entire program.
Comprehensive exams are required.
A thesis student is required to complete 6 hours of MATH 599 Thesis Research and Writing and to give an oral defense of the thesis.

Secondary Education Minor Requirements

For the minor in Secondary Education students must complete a total of at least 12 hours in education course work, including the following:

Professional Education Core—9-16 hours

- TCHL 500* – Foundations of Teacher Leadership (3 hours) (Pre-requisite to all other courses in the program)
TCHL 530* – Curriculum Development (3 hours)
TCHL 540 – Classroom Instruction: Instructional Strategies (1 hour)
TCHL 544 – Classroom Instruction: Equitable School and Community Partnerships (1 hour)
TCHL 548 – Classroom Instruction: Managing the Learning Environment (1 hour)
TCHL 550 – Student Assessment I: Fundamentals of Student Assessment (1 hour)
TCHL 554 – Student Assessment II: Standardized Testing (1 hour)
TCHL 558 – Student Assessment III: Classroom Tests and Instruments (2 hours)
TCHL 560* – Action Research Capstone for Teacher Leaders (3 hours) or discipline-specific action research course

*Courses in boldface are required. For TCHL 540, 544, 548, 550, 554, and 558, students must take the courses unless the student passes proficiency evaluations for the courses. Credit hours opted out must be replaced with enough elective hours for the minor to equal at least 12 hours.

Education Electives—0-3 hours

Students who successfully complete the proficiency examinations for TCHL 540, TCHL 544, TCHL 548, TCHL 550, TCHL 554, and/or TCHL 558 may substitute another education course with advisor approval. TCHL 520 Principles of Action Research for Teacher Leaders is strongly recommended.

Candidate's Name (printed)

Candidate's Signature/Date

Education Advisor's Signature/Date

Specialization Advisor's Signature/Date