

Professional Field Emphasis Mathematics Online Graduate Program Advising Form

Name: _____ Expected Graduation Date: _____ Date you began classes at SMSU: _____

Professional Education Core

Professional Education Core Courses (11 credits)

ED 623 Professional Planning & Assessment	2	F2 – (FE&O)
ED 625 21st Century Brain-Based Teaching & Learning	3	F1 - E
ED 632 Linking Teaching, Content & Learning	3	F2 - O
ED 635 Content & Curriculum Development	3	Sp2 -O

Research Component

Research Component Courses (8 credits)

ED 622 Research in Education	3	F1 – F&O (Sp – E & O)
ED 624 Research Project Design	3	Sp1 – E & O (Su – E & O)
ED 627 Research Project Implementation	2	Sp2 – E & O

Professional Field Emphasis

Professional Field Emphasis – Mathematics Courses (12 credits)

MATH 510 Topics in Number Theory	3	Su – O
MATH 530 Statistics	3	Su – O
MATH 545 Advanced Geometry	3	Su - E
MATH 550 Real Analysis	3	Su - E

Mathematics Electives (1 offered each spring) – (6 credits)

MATH 501 Introduction to Mathematical Logic	3	Sp.
MATH 505 Topics in History of Math	3	Sp.
MATH 515 Advanced Discrete Mathematics	3	Sp.
MATH 540 Abstract Algebra	3	Sp.
MATH 560 Applied Linear Algebra	3	Sp.
MATH 586 Selected Topics in Mathematics	3	Sp

Note: This is a tentative schedule. Classes will be offered based on enrollment.

Student Signature: _____ **Date** _____

Advisor Signature: _____ **Date** _____

Abbreviation codes are as followed: F = Fall; Sp = Spring; Su = Summer; E = Available even years; O = Available odd years; 1 = Take in first year of program; 2 = take in the second year of program; (in parathesis) = another option to take the course, although the first listed option is the suggested time. You are responsible to keep informed of any changes in requirements, which may affect your academic career.

Students enrolled in the Masters of Science in Education program choose between Plan A and Plan B options. All students complete the Professional Education Core and a Professional Field Emphasis. Students who opt for Plan A complete ED 627, "Research Project Implementation" for a total program length of 34-38 credits. Students who opt for Plan B may take ED 624, "Research Project Design" or an elective in place of ED 627, "Research Project Implementation" for a total program length of 32-36 credits.