SME GRADUATE DEGREE PLAN

MAT in Mathematics Education

Student Name (print): _____ Date: _____
UTD ID: _____ Net ID: _____
Date of First Enrollment in MAT in Mathematics Education _____
Catalog applicable to student_____ Projected Semester of Graduation_____
[Once student accepts a subsequent catalog, University regulations prohibit return to a prior catalog.]

A degree plan does not replace catalog requirements. A degree plan that is consistent with catalog and other University requirements provides a schedule that, with acceptable completion of the requirements, will result in the award of the MAT in Mathematics Education. The Department of Science/Mathematics Education will attempt to schedule courses as described in degree plans, but cannot guarantee that it can do so. Degree plans may be amended as needed; the most current degree plan replaces all prior degree plans.

Courses

Semester/Grade

CORE

SMED 5301	Science, Mathematics, and Society	_____
SMED 5302*	Teaching and Learning of Science and Mathematics Education	_____
SMED 5303*	Introduction to Research and Evaluation in Science and Mathematics	_____
SMED 5304*	Research Methods in Science and Mathematics Education	_____

Notes:

- *5303 is a required prerequisite for 5304*
- *An average of B (3.0) or better in the four core courses is required for graduation.*

STEM Content

1. _____ _____
2. _____ _____
3. _____ _____
4. _____ _____
5. _____ _____
6. _____ _____

E**LECTIVES**

1. _____ _____
2. _____ _____

Total SCH: _____

Student Signature **Authorized SME Department Signature/Advisor**

_____ _____

SAMPLE Degree Plan Template

Students are not required to use this degree plan template. However, this template leads to a degree plan that enables students to earn the MAT in Mathematics Education in two calendar years (24 months)

	Year 1	Year 2
Fall	STEM Content #1 Elective #1	SMED 5303 STEM Content #4
Spring	SMED 5302 STEM Content #2	SMED 5304 STEM Content #5
Summer	SMED 5301 STEM Content #3	Elective #2 STEM Content #6

Course Options:

Mathematics A

MTHE 5300 Foundations in Algebra
MTHE 5301 Foundations in Geometry
MTHE 5302 Foundations in Probability and Statistics

Mathematics B

MTHE 5321 Problems Using Algebra
MTHE 5322 Problems Using Geometry
MTHE 5323 Problems Using Pre-calculus
MTHE 5324 Problems Using Discrete Mathematics
MTHE 5325 Problems Using Mathematical Modeling
MTHE 5326 Problems Using Statistics and Probability
MATH 5305 Practical Applications in Higher Geometry
MATH 5306 Non-Euclidean Geometry for Teachers
MTHE 5327 Functions and Modeling

Mathematics C

MATH 5301 Elementary Analysis I
MATH 5302 Elementary Analysis II
MATH 6311 Abstract Algebra I
STAT 5351 Probability and Statistics I
STAT 5352 Probability and Statistics II
STAT 5353 Probability and Statistics for Data Science and Bioinformatics
CS 5333 Discrete Structures

*Can be used for dual credit with UTeach Dallas teacher certification program

Other courses may be used to meet the STEM Content requirements. Use of courses outside these sets must be approved by the Graduate Studies Committee.