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**BS IN MATHEMATICS (WITH CERTIFICATION):  
TECHNICAL WRITING PLAN  
ACADEMIC MAP  
CATALOG YEAR: 2016-17**

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The Bachelor of Science in Mathematics (with certification) prepares students for teaching in secondary schools.

FALL	Hrs.
ENGL 1310/1313 or TECM 1700*	3
PSCI 1040	3
MATH 1710	4
MATH 2000	3
TNTX 1100	1
<i>Total Hours</i>	<i>14</i>
<b>Milestones</b>	
Maintain at least a 2.75 UNT and overall GPA. Maintain at least a 2.5 GPA in math courses.	

SPRING	Hrs.
TECM 2700*	3
PSCI 1050	3
MATH 1720	3
MATH 2100	3
TNTX 1200	2
Lab Science***	4
<i>Total Hours</i>	<i>18</i>
<b>Milestones</b>	
Maintain at least a 2.75 UNT and overall GPA. Maintain at least a 2.5 GPA in math courses. Completion of MATH 1710, 1720, 2000, and 2100. Completion of TNTX 1100 and 1200.	

FALL	Hrs.
EDSE 3500	3
MATH 2700	3
MATH 2730	3
Lab Science***	4
Elective	3
<i>Total Hours</i>	<i>16</i>
<b>Milestones</b>	
Maintain at least a 2.75 UNT and overall GPA. Maintain at least a 2.5 GPA in math courses. Maintain at least a 2.75 GPA in all TNT courses.	

SPRING	Hrs.
CSCE 1010 or 1020 or 1030	3 or 4
MATH 3000	3
MATH 3680	3
PHIL 2600	3
Lab Science***	4
<i>Total Hours</i>	<i>16 or 17</i>
<b>Milestones</b>	
Maintain at least a 2.75 UNT and overall GPA. Maintain at least a 2.5 GPA in math courses. Maintain at least a 2.75 GPA in all TNT courses. Completion of MATH 2700, 2730, and 3000. Begin work on TNT portfolio.	

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<b>FALL</b>	<b>Hrs.</b>
HIST 2610	3
MATH 3510 or 3610	3
MATH 4050	3
TECM 4180, 4190, 4250 or 4700	3
EDSE 4000	3
<i>Total Hours</i>	<i>15</i>

**Milestones**

Maintain at least a 2.75 UNT and overall GPA.  
 Maintain at least a 2.5 GPA in math courses.  
 Maintain at least a 2.75 GPA in all TNT courses.  
 Maintain at least a 2.0 GPA in math courses numbered 3350 and above.  
 Admission into teacher education.  
 Continue work on TNT portfolio.

<b>SPRING</b>	<b>Hrs.</b>
HIST 2620	3
MATH analysis or algebra	3
MATH 3850	3
Creative Arts*	3
Social and Behavioral Sciences	3
<i>Total Hours</i>	<i>15</i>

**Milestones**

Maintain at least a 2.75 UNT and overall GPA.  
 Maintain at least a 2.5 GPA in math courses.  
 Maintain at least a 2.75 GPA in all TNT courses.  
 Maintain at least a 2.0 GPA in math courses numbered 3350 and above.  
 Completion of EDSE 3500, EDSE 4000, and PHIL 2600.  
 Continue work on TNT portfolio.

<b>FALL</b>	<b>Hrs.</b>
Math 4060	3
Math Elective (3350 or higher)	3
Math Elective (3350 or higher)	3
TNTX 3100	3
EDSE 4500, Project-Based Instruction	3
<i>Total hours</i>	<i>15</i>

**Milestones**

Maintain at least a 2.75 UNT and overall GPA.  
 Maintain at least a 2.5 GPA in math courses.  
 Maintain at least a 2.75 GPA in all TNT courses.  
 Maintain at least a 2.0 GPA in math courses numbered 3350 and above.  
 Submit and pass preliminary portfolio.  
 Completes state certification exams.

<b>SPRING</b>	<b>Hrs.</b>
EDSE 4608/4618	6
EDSE 4628	1
Elective	3 or 4
<i>Total hours</i>	<i>10 or 11</i>

**Milestones**

Maintain at least a 2.75 UNT and overall GPA.  
 Maintain at least a 2.5 GPA in math courses.  
 Maintain at least a 2.75 GPA in all TNT courses.  
 Maintain at least a 2.0 GPA in math courses numbered 3350 and above.  
 Submit and pass final portfolio.  
 Apply for graduation with the College of Arts and Sciences, GAB 220.

\*See the [University Core Curriculum](#) section of this catalog for approved list of course options.

\*\*See Arts and Sciences [degree requirements](#) section of this catalog for approved list of course options.

\*\*\*See the mathematics major requirements for an approved list of courses. For MATH/PHYS certification, PHYS 1710/1730, PHYS 2220/2240, and PHYS 3010/3030 are required