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

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>
Milestones	
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>
Milestones	
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
LANG 1010 or SPAN 1030****	3
<i>Total Hours</i>	<i>16</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.	

SPRING	Hrs.
CSCE 1010 or 1020 or 1030	3 or 4
MATH 3000	3
MATH 3680	3
PHIL 2600	3
LANG 1020 or Elective****	3
<i>Total Hours</i>	<i>15 or 16</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. Completion of MATH 2700, 2730, and 3000. Begin work on TNT portfolio.	

FALL	Hrs.
HIST 2610	3
MATH 3510 or 3610	3
MATH 4050	3
Lab Science***	4
EDSE 4000	3
<i>Total Hours</i>	<i>16</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.

SPRING	Hrs.
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.

FALL	Hrs.
MATH 4060	3
Math Elective (3350 or higher)	3
Math Elective (3350 or higher)	3
TNTX 3100	3
EDSE 4500	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.

SPRING	Hrs.
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

**** Students who took two or more years of Spanish in high school may take SPAN 1030 instead of two classes in a different foreign language.

