

# BS IN MATHEMATICS (WITH CERTIFICATION) ACADEMIC MAP – TECHNICAL WRITING 2020-2021

## Degree in Three

*Students would be expected to complete the following before starting at the University of North Texas. Students can earn AP credit, transfer credit or a combination of both:*

AP Exam	Score	Dual Credit or Transfer Credit	Hrs.
English Language and Composition	3, 4, 5	ENGL 1301	3-6
Calculus BC	3, 4, 5	MATH 2313 (2413; 2513) and 2314 (2414)	6-9
Physics C (Mechanics)	4, 5	PHYS 2425	4
History, US	3, 4, 5	HIST 1301 and 1302	6
Government and Politics-US	3, 4, 5	GOVT 2305	3
Psychology	3, 4, 5	PSYC 2301	3
Computer Science A or Computer Science Principles	3, 4, 5	CSCE 1336 (1436)	3-4
<b>Credit:</b>	<b>29-37</b>		<b>28-32</b>

### Courses at UNT:

<i>Year One</i>			
FALL	Hrs.	SPRING	Hrs.
MATH 2000 Discrete Mathematics	3	MATH 2730 Multivariable Calculus	3
MATH 2100 Functions & Modeling	3	MATH 3000 Real Analysis I	3
TECM 2700 Technical Writing	3	MATH 2700 Linear Algebra	3
Elective	3-4	Creative Arts	3
PSCI 2306 US and Tx Constitutions & Insti	3	PHIL 2600 Ethics in Science	3
TNTX 1100 Secondary Teacher Prep I	1	TNTX 1200 Secondary Teacher Prep II	2
<b>Total Hours</b>	<b>16-17</b>	<b>Total Hours</b>	<b>17</b>

<i>Year Two</i>			
FALL	Hrs.	SPRING	Hrs.
MATH 3510 Abstract Algebra <b>OR</b> MATH 3610 Real Analysis II	3	MATH 3680 Applied Statistics	3
MATH 3850 Mathematical Modeling	3	MATH Analysis or Algebra Option	3
MATH Elective (3350 or higher)	3	MATH 4060 Foundations of Geometry	3
Lab Science Option	3-4	Lab Science Option or PHYS 3010/3030 Modern Physics & Lab	4-5
EDCI 3500 Knowing & Learning	3	EDCI 4000 Classroom Interactions	3
<b>Total Hours</b>	<b>15-16</b>	<b>Total Hours</b>	<b>16-17</b>

<i>Year Three</i>			
FALL	Hrs.	SPRING	Hrs.
MATH 4050 Adv Study of Math Curric	3	EDCI 4608 Apprentice Teaching I	3
MATH Elective (3350 or higher)	3	EDCI 4618 Apprentice Teaching II	3
Technical Writing Option, Advanced	3	EDSE 4628 Apprentice Teach Seminar	1
TNTX 3100 Conceptual Alg & Geom	3	Elective	3
EDCI 4500 Project-Based Instruction	3		
<b>Total hours</b>	<b>15</b>	<b>Total hours</b>	<b>10</b>

