UNT EST. 1890 | COLLEGE OF SCIENCE

BA IN MATHEMATICS (WITH CERTIFICATION) ACADEMIC MAP 2018-2019

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
Credit:	***29-37***		***28-32***

Courses at UNT:

Year One			
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	3	MATH 2700 Linear Alg & Vector Geom	3
Creative Arts	3	Visual/Performing Arts	3
PSCI 2306	3	PHIL 2600 Ethics in Science	3
TNTX 1100 Secondary Teacher Prep I	1	TNTX 1200 Secondary Teacher Prep II	2
Total Hours	***16***	***Total Hours***	***17***

Year Two			
FALL	**Hrs.**	**SPRING**	**Hrs.**
MATH 3510 Abstract Algebra **OR** MATH 3610 Real Analysis II	3	MATH 3680 Applied Statistics	3
MATH 3850 Mathematical Modeling	3	MATH 4060 Foundations of Geometry	3
LANG 2040 Intermediate I	3	LANG 2050 Intermediate II	3
TNTX 3100 Conceptual Alg & Geom	3	Lab Science option	3-5
EDCI 3500 Knowing & Learning Math & Sci	3	EDCI 4000	3
Total Hours	***15***	***Total Hours***	***15-17***

Year Three			
FALL	**Hrs.**	**SPRING**	**Hrs.**
MATH 4050 Adv Study of Math Curriculum	3	EDCI 4608 Apprentice Teaching I	3
MATH Analysis or Algebra Option	3	EDCI 4618 Apprentice Teaching II	3
Science option or PHYS 3010/3030 Modern Physics & Lab	3-5	EDSE 4628 Apprentice Teach Seminar	1
Elective, Advanced	0-3	Elective	3
EDCI 4500 Project-Based Instruction	3		
Total hours	***15-17***	***Total hours***	***10***