



**Associate of Science to
Bachelor of Arts in Mathematics
with Teacher Certification
Guided Pathway
Effective for the 2018-2019¹ catalog
(Total Hours = 120)**



First Year – Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake and Richland College²

FIRST SEMESTER		SECOND SEMESTER	
^c ENGL 1301 – Composition I (010)		^c ENGL 1302 – Composition II (010)	
^c MATH 1316 – Plane Trigonometry [#] (020)		MATH 2412 – Pre-Calculus Math	
^c HIST 1301 – United States History I (060)		^c HIST 1302 – United States History II (060)	
^c TECA 1354 – Child Growth and Development (080)		^c CHEM 1411 – General Chemistry I (030)	
^c SPAN 1411 – Beginning Spanish I* (090)		SPAN 1412 – Beginning Spanish II	
Total Semester Hours: 16		Total Semester Hours: 18	

Second Year – Brookhaven, Cedar Valley, Eastfield, El Centro, Mountain View, North Lake and Richland College

It is best to apply to UNT Dallas a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER		SECOND SEMESTER	
^c GOVT 2305 – Federal Government (070)		^c GOVT 2306 – Texas Government (070)	
MATH 2413 – Calculus I		MATH 2414 – Calculus II	
^c BIOL 1406 – Biology for Science Majors I (030)		^c BIOL 1407 – Biology for Science Majors II*	
^c ENGL 2332 – World Literature I* (040)		^c ARTS 1301 – Art Appreciation* (050)	
		MATH 2305 – Discrete Mathematics	
Total Semester Hours: 14		Total Semester Hours: 17	

Associate of Science (60 Hrs. + 5 Hrs. required for UNTD)

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year – University of North Texas at Dallas

FALL SEMESTER	SPRING SEMESTER
MATH 2700 – Linear Algebra & Vector Geo. (MATH 2418)	MATH 3510 – Intro to Abstract Algebra I
MATH 3000 – Real Analysis I	MATH 3410 – Differential Equations I
EDUC 3320 – Foundations of Education [^]	MATH 3680 – Applied Statistics
MATH 3400 – Number Theory	EDBE 3480 – Bilingualism/Multiculturalism [^]
CSCS 1030 – Computer Science I (COSC 1436)	MATH 2730 – Multivariable Calculus
	General Elective
Total Semester Hours: 16	Total Semester Hours: 18

Fourth Year – University of North Texas at Dallas

FALL SEMESTER	SPRING SEMESTER
MATH 4050 – Advanced Study of Sec Math Cur.	EDUC 4200 – Student Teaching [^]
MATH 4060 – Foundations of Geometry	
EDSE 4060 – Content Area Reading Secondary [^]	
EDSE 4840 – Instructional Strategies & CR Mgmt. [^]	
EDSP 4340 – Classroom & Behavior Mgmt. Strategies [^]	
Total Semester Hours: 15	Total Semester Hours: 6

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

¹ Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

² Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven DCCCD college colleges awarding the degree.

* There are several options to fulfill this requirement. See your academic advisor for a specific list.

^c This course counts for the Core Curriculum at any public college or university in Texas.

[#] To register for Plane Trigonometry, students must have completed MATH 1314.

() Course numbers shown in parentheses are equivalent to these courses at UNT Dallas.

[^] Students must be admitted to the Teacher Education program prior to enrolling in these courses.

MATH 2305 only offered at BHC, ECC and RLC.

DCCCD students must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course and receive a GPA of at least 2.00 on all college-level course work.

UNT-Dallas students may have individual grade or GPA requirements in order to graduate from the university. Please consult with an academic advisor to ensure all requirements are met.

All mathematics courses numbered 3350 or above must be completed with a grade of "C" or better.

Approved: 2018-2019 Guided Pathway

For questions about the UNT Dallas portion of this degree plan,
Contact the [Name of Advising Office or Dept. Contact] at (972) XXX-XXXX.