

TRANSFER PATHWAY
(For Transfer to the University of North Texas at Dallas)
ASSOCIATE OF SCIENCE TO
BACHELOR OF ARTS IN MATHEMATICS

Catalog Year 2019-2020 You may use this pathway if you entered one of the seven colleges on or before this date.

Career Path STEM Career Path

Available at All Colleges of the DCCCD

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by one of the seven DCCCD colleges awarding the degree. You will need to apply for the associate's degree at your college. Contact your advisor for information.

AS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1

Total Hours: 16

ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

HIST 1301 – United States History I *This is a (CB 060) Core course.*

MATH 2413 – Calculus I *This is a (CB 020) Core course. Must earn a grade of "C" or higher. To register for MATH 2413, students must have completed MATH 1314, MATH 1316 and MATH 2412.*

EDUC 1300 – Learning Framework *All college students with fewer than 12 semester credit hours of successful college credit (grade of "C" or above) must take a student success course in the first semester.*

CHOOSE ONE: **SPCH 1311** – Introduction to Speech Communication **OR**
SPCH 1315 – Public Speaking *These are (CB 090) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 2

Total Hours: 15

ENGL 1302 – Composition II *This is a (CB 010) Core course. UNT Dallas requires a grade of "C" or higher.*

HIST 1302 – United States History II *This is a (CB 060) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

PHED 1164 – Introduction to Physical Fitness and Wellness *This is a (CB 090) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

MATH 2414 – Calculus II

CHOOSE ONE: **PHYS 2425** – University Physics I **OR**
CHEM 1411 – General Chemistry I **OR**
BIOL 1406 – Biology for Science Majors I *These are (CB 030) Core courses. Contact your academic advisor for a specific list and which course should be selected according to the intended university to which you will transfer.*

SEMESTER 3

Total Hours: 17

CHOOSE ONE: **ENGL 2326** – American Literature **OR**
ENGL 2331 – World Literature **OR**
PHIL 1301 – Introduction to Philosophy *These are (CB 040) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list*

GOVT 2305 – Federal Government *This is a (CB 070) Core course.*

MATH 2415 – Calculus III

CHOOSE ONE: **ECON 2301** – Principles of Macroeconomics **OR**
PSYC 2301 – General Psychology **OR**
SOCI 1301 – Introduction to Sociology *These are (CB 080) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

CHOOSE ONE: **PHYS 2426** – University Physics II **OR**
CHEM 1412 – General Chemistry II **OR**
BIOL 1407 – Biology for Science Majors II *These are (CB 030) Core courses. Contact your academic advisor for a specific list and which course should be selected according to the intended university to which you will transfer.*

SEMESTER 4

Total Hours: 16-18

MATH 2318 or 2418 – Linear Algebra *Contact your academic advisor for a specific list and which course should be selected according to the intended university to which you will transfer.*

COSC 1436 – Programming Fundamentals I *This course is required by UNT Dallas*

GOVT 2306 – Texas Government *This is a (CB 070) Core course.*

CHOOSE ONE: **ARTS 1301** – Art Appreciation **OR**
DRAM 1310 – Introduction to Theater **OR**
MUSI 1306 – Music Appreciation *These are (CB 050) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

CHOOSE ONE: **MATH 2320 or 2420** – Differential Equations **OR**
MATH 2305 – Discrete Mathematics *Contact your academic advisor for a specific list and which course should be selected according to the intended university to which you will transfer.*

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SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the UNT Dallas portion of this transfer pathway, contact the **Academic Advising Office** at (972) 338-1645 or Advising@untdallas.edu. 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. 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.

SEMESTER 1 **Total Hours: 12**

General Elective *This course may be completed at UNT Dallas or DCCCD.*

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MATH 3330 – Linear Algebra and Vector Space Theory

SPAN 1010 – Elementary Spanish I *SPAN 1411 may be taken at DCCCD and transferred to UNT Dallas.*

SEMESTER 2 **Total Hours: 16**

General Elective

MATH 3/4XXX – Advanced Mathematics Elective

MATH 3320 – Introduction to Mathematical Proofs

MATH 3410 – Differential Equations I *Must earn a grade of "C" or higher.*

SPAN 1020 – Elementary Spanish II *SPAN 1412 may be taken at DCCCD and transferred to UNT Dallas.*

SEMESTER 3 **Total Hours: 16**

Advanced Elective

MATH 3/4XXX – Advanced Mathematics Elective

MATH 3000 – Real Analysis I

MATH 3400 – Number Theory *Must earn a grade of "C" or higher.*

MATH 4060 – Foundations of Geometry *Must earn a grade of "C" or higher.*

SEMESTER 4 **Total Hours: 13**

Advanced Elective

MATH 3/4XXX – Advanced Mathematics Elective

MATH 3510 – Abstract Algebra I *Must earn a grade of "C" or higher.*

MATH 3680 – Applied Statistics *Must earn a grade of "C" or higher.*