

**AA - Liberal Arts (Multidisciplinary Studies) OR Undeclared
to Bachelor of Science in Computer Science
Guided Pathway
Effective for the 2019 - 2020 Catalog**

First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
ENGL 1301 Composition I	ENGL 1302 Composition II
HIST 1301 United States History I	HIST 1302 United States History II
OR	OR
HIST 2327 Mexican American History I (To the United States-Mexico War Era)	HIST 2328 Mexican American History II (from the United States-Mexico War Era)
Mathematics Core Elective	Creative Arts Core Elective
Life and Physical Sciences Core Elective	Life and Physical Sciences Core Elective &
Social and Behavioral Sciences Core Elective	Life and Physical Sciences Core Lab OR
	Life and Physical Sciences Core Elective
	Communications (SPCH) Core Elective

Total Semester Hours: 15

Total Semester Hours: 16

Second Year – Del Mar College

It's best to apply to UNT 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
Language, Philosophy, and Culture Core Elective	GOVT 2306 Texas Government: Texas Constitution and Topics
GOVT 2305 Federal Government: Federal Constitution and Topics	Approved Electives
KINE 1238 Introduction to Physical Fitness and Sport	
Approved Electives	

Total Semester Hours: 14

Total Semester Hours: 15

AA: Liberal Arts (Multidisciplinary Studies) OR Undeclared

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 Frisco

Students must fulfill UNT admissions requirements which can be found on the UNT website.
Some courses may be taken at a community college. Please check with an academic advisor.

FIRST SEMESTER	SECOND SEMESTER
COSC 1436 Programming Fundamentals I (C++) – Equivalent to UNT CSCE 1030 (4 CH)*	COSC 1437 Programming Fundamentals II (C++) – Equivalent to UNT CSCE 1040 (4 CH)*
MATH 2413 Calculus I (4 CH)	CHEM or BIOL for majors (4 CH)
ENGL 2311 (If not already completed) (3 CH)	MATH 2414 Calculus II (4 CH)

Total Semester Hours: 11

Total Semester Hours: 12

SUMMER 1st SEMESTER	SUMMER 2nd SEMESTER
MATH 2305 Discrete Mathematics – Course substitution for UNT CSCE 2100 (3 CH)	COSC 2325 Computer Organization – Equivalent to UNT CSCE 2610 (3 CH)
COSC 2336 Programming Fundamentals III (C++) (3 CH)* – Equivalent to UNT CSCE 2110	PHYS 2425 University Physics I (4 CH)

Total Semester Hours: 6

Total Semester Hours: 7

Fourth Year – University of North Texas at Frisco

FIRST SEMESTER	SECOND SEMESTER
CSCE 3600 Principles of Systems Programming (3 CH)	CSCE 4110 Analysis of Algorithms (3 CH)
MATH 1780 Probability Models (3 CH)	CSCE 4010 Social Issues in Computing (3 CH)
EENG 2710 Digital Logic Design (3 CH)	CSCE 4444 Software Engineering (3 CH)
CSCE 3110 Data Structures and Algorithms (3 CH)	020 MATH 2318 Linear Algebra (3 CH) – Taken at Collin Community College
CSCE 3600 Principles of Systems Programming (3 CH)	TECM xxxx (4000 level course) (3 CH)

Total Semester Hours: 15

Total Semester Hours: 15

Fifth Year – University of North Texas at Frisco

FIRST SEMESTER	SECOND SEMESTER
CSCE 4901 CS Capstone I (3 CH)	CSCE 4902 CS Capstone II (3 CH)
CSCE 3530 Introduction to Computer Networks (3 CH)	CSCE 4350 Introduction to Database Systems (3 CH)
CSCE xxxx CS core elective (3 CH)	CSCE 4550 Introduction to Computer Security (3 CH)
030 CHEM 1410/1430 General Chemistry for Science Majors with lab (4 CH) (or alternative science course)	030 CHEM 1420/1440 General Chemistry for Science Majors with lab (4 CH) (or alternative science course)
CSCE advanced elective course (3 CH)	CSCE advanced elective course (3 CH)

Total Semester Hours: 16

Total Semester Hours: 16

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.
UNT at Frisco course rotation subject to change.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

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

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

For questions about the University portion of this pathway,
Contact the **UNT at Frisco Transfer Generalist Academic Advising Office** at (972) 668-7100 or UNTFrisco.Advising@unt.edu.