



Associate of Science in Computer Science
 Bachelor of Science in Computer Science
Guided Pathway
 Effective for the 2019-2020 Catalog



First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
COSC 1301 – Introduction to Computing	DRAM 1310 – Introduction to Theater (050)
EDUC/PSYC 1300 – Learning Framework	ENGL 1302 – Composition II (010)
ENGL 1301 – Composition I (010)	HIST 1302 – United States History II (060)
HIST 1301 – United States History I (060)	MATH 2312 – Pre-Calculus Math (090)
MATH 1314 – College Algebra (020)	SPCH 1321 – Business & Professional Comm. (090)
Total Semester Hours: 15	Total Semester Hours: 15

Second Year – Paris Junior 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
COSC 1336 – Programming Fundamentals I	COMM 1307 – Intro. to Mass Communications (040)
ECON 2302 – Principles of Microeconomics (080)	COSC 1337 – Programming Fundamentals II
GOVT 2305 – Federal Government (070)	GOVT 2306 – Texas Government (070)
MATH 2413 – Calculus I	PHYS 1402 – College Physics II (030)
PHYS 1401 – College Physics I (030)	
Total Semester Hours: 17	Total Semester Hours: 13

AS: Computer Science

You will need to apply for the Associates 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.

The following courses are required by UNT and may be taken at the community college: **PHYS 2425, PHYS 2426, MATH 2305, COSC 2325, COSC 2326, and MATH 2414.**

FIRST SEMESTER	SECOND SEMESTER
CSC 3600 Principles of Systems Programming (3 CH)	CSC 4110 Analysis of Algorithms (3 CH)
MATH 1780 Probability Models (3 CH)	CSC 4010 Social Issues in Computing (3 CH)
EENG 2710 Digital Logic Design (3 CH)	CSC 4444 Software Engineering (3 CH)
CSC 3110 Data Structures and Algorithms (3 CH)	MATH 2310 Linear Algebra (3 CH) – Taken at Collin College
	TECM xxxx (4000 level course) (3 CH)
Total Semester Hours: 12	Total Semester Hours: 15

Fourth Year – University of North Texas at Frisco

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