



Associate of Science in Computer Science  
 Bachelor of Arts in Information Technology  
**Guided Pathway**  
 Effective for the 2019-2020 Catalog



**First Year – Paris Junior College**

FIRST SEMESTER	SECOND SEMESTER
<b>COSC 1301</b> – Introduction to Computing	<b>DRAM 1310</b> – Introduction to Theater (050)
<b>EDUC/PSYC 1300</b> – Learning Framework	<b>ENGL 1302</b> – Composition II (010)
<b>ENGL 1301</b> – Composition I (010)	<b>HIST 1302</b> – United States History II (060)
<b>HIST 1301</b> – United States History I (060)	<b>MATH 2312</b> – Pre-Calculus Math (090)
<b>MATH 1314</b> – College Algebra (020)	<b>SPCH 1321</b> – 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
<b>COSC 1336</b> – Programming Fundamentals I	<b>COMM 1307</b> – Intro. to Mass Communications (040)
<b>ECON 2302</b> – Principles of Microeconomics (080)	<b>COSC 1337</b> – Programming Fundamentals II
<b>GOVT 2305</b> – Federal Government (070)	<b>GOVT 2306</b> – Texas Government (070)
<b>MATH 2413</b> – Calculus I	<b>PHYS 1402</b> – College Physics II (030)
<b>PHYS 1401</b> – College Physics I (030)	
Total Semester Hours: 17	Total Semester Hours: 13

**AS: Computer Science**

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.

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, MATH 2414.**

FIRST SEMESTER	SECOND SEMESTER
CSC 3600 Principles of Systems Programming (3 CH)	CSC 4010 Social Issues in Computing (3 CH)
CSC 3055 IT Project Management (3 CH)	CSC 3605 Systems Administration (3 CH)
010 TECM 2700 Technical Writing (3 CH) (If ENGL 2311 was not already completed) Course can be taken at UNT Frisco, online, or Collin College	CSC 3615 Enterprise Systems Architecture and Design (3 CH)
Supporting area course (3 CH)^	CSC 4350 Fundamentals of Database Systems (3 CH)
MATH 1780 Probability (3 CH)	030 CHEM 1410/1430 General Chemistry for Science Majors I (4 CH) (or alternative science course)
Total Semester Hours: 15	Total Semester Hours: 16

**Summer 2019**

Supporting area course (3 CH)^	3 credit hours
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**Fourth Year – University of North Texas at Frisco**

FIRST SEMESTER	SECOND SEMESTER
CSC 3220 Human Computer Interfaces (3 CH)	CSC 4925 Information Technology Capstone II (3 CH)
CSC 3420 Internet Programming (3 CH)	CSC 4535 Introduction to Network Administration (3 CH)
CSC 3530 Introduction to Computer Networks (3 CH)	CSC 4550 Introduction to Computer Security (3 CH)
CSC 4905 Information Technology Capstone I (3 CH)	CSC 4355 Database Administration (3 CH)
Supporting Area course (3 CH)^	Supporting Area course (1-3 CH)^
Total Semester Hours: 15	Total Semester Hours: 13-15

**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.

^ 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](mailto:UNTFrisco.Advising@unt.edu).