

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

**Catalog Year** 2020-2021      You may use this pathway if you entered Dallas College on or before this date.

**Career Path** Engineering, Technology, Mathematics and Sciences

**Available at** All Campuses

**TSI** Must be Complete

**SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS**

This is an example course sequence for students interested in pursuing Information Technology. 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 Dallas College. Contact your advisor for information.

**AS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS**

**PATHWAY REQUIREMENTS**

**Total Hours: 10**

The following are prerequisite courses for MATH 2413: **MATH 1314, MATH 1316 and MATH 2412**

**SEMESTER 1**

**Total Hours: 14**

**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. Prerequisites of MATH 1314, MATH 1316, MATH 2412, before enrolling in the class.*

**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.*

**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. UNT Dallas requires a grade of "C" or higher.*

**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.*

**ECON 2301** – Principles of Macroeconomics *This is a (CB 080) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

**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.*

**CHOOSE ONE:** **HIST 1302** – United States History II **OR**

**HIST 2301** – Texas History *These are (CB 060) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

**CHOOSE ONE:** **ARTS 1301** – Art Appreciation **OR**

**DRAM 1310** – Theater Appreciation **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.*

**SEMESTER 3**

**Total Hours: 7-8**

**CHOOSE ONE:** **MATH 2414** – Calculus II **OR**

**MATH 1342** – Elementary Statistical Methods *Elective courses should be selected according to the intended university to which you will transfer. UNT Dallas prefers MATH 1342 and requires a grade of "C" or higher for either course option.*

**CHOOSE ONE:** **CHEM 1411** – General Chemistry I **OR**

**BIOL 1406** – Biology for Science Majors I *These are (CB 030) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

**SEMESTER 4**

**Total Hours: 13-14**

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

**CHOOSE ONE:** **PHYS 2425** – University Physics I **OR**

**CHEM 1412** – General Chemistry II *These are (CB 030) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list and any prerequisite requirements.*

**CHOOSE ONE:** **COSC 1436** – Programming Fundamentals I **COSC 1436 is required by UNT Dallas and a grade of "C" or higher is required. OR**

**ACCT 2301** – Principles of Financial Accounting *Elective courses should be selected according to the intended university to which you will transfer.*

**CHOOSE ONE:** **ENGL 2332** – World Literature I **OR**

**PHIL 1301** – Introduction to Philosophy **OR**

**PHIL 1306** – Introduction to Ethics *These are (CB 040) Core courses. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

**SEMESTER 5**

**Total Hours: 12-14**

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

**CHOOSE ONE:** **COSC 2436** – Programming Fundamentals III\* **COSC 2436 is required by UNT Dallas and a grade of "C" or higher is required. OR**

**ECON 2302** – Principles of Microeconomics\*

**CHOOSE ONE:** **COSC 1437** – Programming Fundamentals II\* **COSC 1437 is required by UNT Dallas and a grade of "C" or higher is required. OR**

**ACCT 2302** – Principles of Managerial Accounting\*

**CHOOSE ONE:** **MATH 2305** – Discrete Mathematics\* **MATH 2305 is required by UNT Dallas and a grade of "C" or higher is required. OR**

**ELECTIVE\*** (3 Credit Hours)

\* Elective courses should be selected according to the intended university to which you will transfer. Contact your academic advisor for a specific list and any prerequisite requirements.

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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](mailto: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. Students must maintain an advanced CSCE course GPA of 2.75 or higher.

**SEMESTER 1**

**Total Hours: 12**

**CSCE 2300** – Digital Logic *Must earn a grade of “C” or higher. COSC 2425 may be taken at Dallas College and transferred to UNT Dallas.*

**CSCE 3055** – IT Project Management *Must earn a grade of “C” or higher.*

**CSCE 3110** – Data Structures and Algorithms *Must earn a grade of “C” or higher.*

**General Elective** *Must earn a grade of “C” or higher.*

**SEMESTER 2**

**Total Hours: 15**

**CSCE 3220** – Human Computer Interfaces *Must earn a grade of “C” or higher.*

**CSCE 3310** – Operating Systems *Must earn a grade of “C” or higher.*

**CSCE 3420** – Internet Programming *Must earn a grade of “C” or higher.*

**General Elective** *Must earn a grade of “C” or higher.*

**General Elective** *Must earn a grade of “C” or higher.*

**SEMESTER 3**

**Total Hours: 15**

**CSCE 3530** – Introduction to Computer Networks *Must earn a grade of “C” or higher.*

**CSCE 4444** – Software Engineering *Must earn a grade of “C” or higher.*

**CSCE 4350** – Introduction to Database Systems Design *Must earn a grade of “C” or higher.*

**CSCE 4905** – Information Technology Capstone I *Must earn a grade of “C” or higher.*

**General Elective** *Must earn a grade of “C” or higher.*

**SEMESTER 4**

**Total Hours: 15**

**Advanced Elective** *Must earn a grade of “C” or higher.*

**CSCE 4010** – Social Issues in Computing *Must earn a grade of “C” or higher.*

**CSCE 4360** – Database Administration *Must earn a grade of “C” or higher.*

**CSCE 4550** – Introduction to Computer Security *Must earn a grade of “C” or higher.*

**CSCE 4925** – Information Technology Capstone II *Must earn a grade of “C” or higher.*