***AAS: Database Development***

You will need to apply for the associate degree at your community college. Contact your advisor there for more information.

**First Year - Collin College**

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| **FIRST SEMESTER** | **SECOND SEMESTER** |
| COSC 1315 - Introduction to Computer Programming1 | ENGL 1301 - Composition I |
| ITSE 1311 - Beginning Web Programming | MATH 1342 - Elementary Statistical Methods  (See [Mathematics](https://www.collin.edu/academics/programs/AAS_GenEd.html) options) |
| ITSE 1346 - Database Theory and Design | ITNW 1358 - Network+ |
| ITSW 1304 - Introduction to Spreadsheets – Excel | ITSE 2309 - Database Programming - SQL |
| ITSW 1307 - Introduction to Database - Access | ECON 1301 - Introduction to Economics  (See [Social / Behavioral Sciences](https://www.collin.edu/academics/programs/AAS_GenEd.html) option) |
| **Total Semester Hours: 15** | **Total Semester Hours: 15** |

**Second Year – Collin 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.

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| **FIRST SEMESTER** | **SECOND SEMESTER** |
| ITSE 1330 - Introduction to C # Programming | General Education - [Speech](https://www.collin.edu/academics/programs/AAS_GenEd.html) course |
| ENGL 2311 - Technical and Business Writing | ITSC 2380 - Cooperative Education – Computer and information  Sciences General (Capstone)2 |
| ITSC 1315 - IT Project Management | ITSE 2354 - Advanced ORACLE PL / SQL |
| ITSE 2347 - Advanced Database Programming | General Education - [Humanities / Fine Arts](https://www.collin.edu/academics/programs/AAS_GenEd.html) course |
| ITSY 1300 - Fundamentals of Information Security | ANALYTICS ELECTIVE\* |
| **Total Semester Hours: 15** | **Total Semester Hours: 15** |

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| ***1. May substitute COSC 1436*** |
| ***2. May substitute INEW 2330*** |
| ***Analytics Elective\* (3 credit hours): ITSE 2370, ITSW 2334, ITSE 1393, or ITSW 2370*** |

***BAAS: Applied Arts & Sciences***

Upon admittance into the University of North Texas, students pursuing the Bachelor of Applied Arts & Sciences degree will need to complete *a minimum of 60 credit hours* to meet the 120-hour requirement for this degree program. Of those 60 hours, 36 hours must be advanced-level (3000-4000 level) and 24 of the 36 advanced hours must be completed in residence at UNT. A total of 30 hours must be completed at UNT to meet the university’s residency requirement.

A diagram of a pyramid

Description automatically generated

Students will select professional development concentrations and/or a focus area in consultation with a CACS advisor. Please contact the College of Applied and Collaborative Studies Advising Office at [CACS@unt.edu](mailto:CACS@unt.edu) for assistance regarding customized concentrations and focus area options, and unofficial degree plans.

**This is not an official degree plan***.* **Check with a Collin College and UNT CACS advisor; degree plans may change in later catalogs.**

* 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
* Limited Focus Area options and number of advanced hours vary between (15-24 hours)