



AAS in Computer Systems – Database Development Track to  
 Bachelor of Applied Arts and Sciences  
**Guided Pathway**  
 Effective for the 2018-2019 Catalog



**First Year – Collin College**

FIRST SEMESTER	SECOND SEMESTER
COSC 1315 – Introduction to Computer Programming*	COSC 1337 – Programming Fundamentals II*
ECON 1301 – Introduction to Economics*	<sup>c</sup> ENGL 1301 – Composition I (010)
ITSW 1304 – Introduction to Spreadsheets – Excel	ITNW 1358 – Network+
ITSW 1307 – Introduction to Database – Access	ITSE 2309 – Database Programming - SQL
<sup>c</sup> MATH 1324 – Mathematics for Business and Social Sciences* (020)	<sup>c</sup> MATH 1342 – Elementary Statistical Methods (020)

Total Semester Hours: 15 SCH

Total Semester Hours: 15 SCH

**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.

FIRST SEMESTER	SECOND SEMESTER
ENGL 2311 – Technical and Business Writing	ITSC 2380 – Cooperative Education - Computer and Information Sciences, General (Capstone) *
ITSE 1311 – Beginning Web Programming	ITSE 2347 – Advanced Database Programming
ITSE 2370 – Descriptive Analytics	ITSY 2354 – Advanced Oracle PL/SQL
ITSW 2370 – SAS Programming	ITSY 1300 – Fundamentals of Information Security (Security+)
<sup>c</sup> SPCH 1321 – Business and Professional Speaking* (090)	<sup>c</sup> PHIL 2303 – Introduction to Logic* (040)

Total Semester Hours: 15 SCH

Total Semester Hours: 15 SCH

**AAS: Computer Systems – Database Development Track**

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**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> PSCI 1040 – American Gov't: Laws & Institutions (GOVT 2306)	<sup>c</sup> PSCI 1050 – American Gov't: Process & Policies (GOVT 2305)
<sup>c</sup> HIST 2610 – US History to 1865 (HIST 1301)	<sup>c</sup> HIST 2620 – US History since 1865 (HIST 1302)
<sup>c</sup> PHYS 1062 – Stars & Universe* (PHYS 1403)	<sup>c</sup> ART 1300 – Art Appreciation* (ARTS 1301)
<sup>c</sup> BIOL 1132 – Environ. Science* (BIOL 2406)	<sup>c</sup> PHIL 4200 – Science, Technology and Society
<sup>c</sup> PSYC 1630 – General Psych. I* (PSYC 2301)	PACS 3000 – Civic Engagement

**Fourth Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
PACS 3020 – Fundamentals of Inquiry	Choose Specialization Courses w/Advisor
PACS 4050 – Negotiation	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor
Choose Specialization Courses w/Advisor	Choose Specialization Courses w/Advisor

**This is not an official degree plan. Check with an 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.

<sup>c</sup> 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 guided pathway,  
 Contact the PACS Academic Advising Office at (940) 565-4115.