



AAS - Computer Systems – Database Development Track to
Bachelor of Applied Arts and Sciences
Guided Pathway
 Effective for the 2019- 2020 catalog
First Year - Collin College



BACHELOR OF APPLIED ARTS & SCIENCES
 Experience
 Discovery
 Collaboration
 Application

FIRST SEMESTER	SECOND SEMESTER
COSC 1315 Introduction to Computer Programming or COSC 1336	COSC 1337 Programming Fundamentals II*
Ⓒ Social/Behavioral Science (see list below) - 3 hours	Ⓒ 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
Ⓒ Math/Life Science (see list below) - 3 hours	Ⓒ MATH 1342 Elementary Statistical Methods (020)

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+)
Ⓒ Speech (see list below) – 3 hours	Ⓒ Humanities/Fine Arts (see list below) - 3 hours

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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
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
Ⓒ PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	Ⓒ Life and Physical Science, or Math if science course taken in first year.
Ⓒ Fine Arts course or Humanities if Fine Arts taken in first year. 3XXX-4XXX	Ⓒ PSCI 2306 - US and Texas Constitutions and Institutions (GOVT 2306)
BCIS 2610 – Introduction to Computers in Business	BCIS 3610 – Basic Information Systems
Elective	3XXX-4XXX Concentration 3

Fourth Year - University of North Texas

FIRST SEMESTER	SECOND SEMESTER
Ⓒ Life and Physical Science	BAAS 4100 - Managing a 21 st Century Career
Ⓒ HIST 2610 – US History to 1865 (HIST 1301)	Ⓒ HIST 2620 – US History since 1865 (HIST 1302)
3XXX-4XXX Concentration 3	Ⓒ Component Area Option 3XXX-4XXX
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3
BCIS 3620 – Mainframe Concepts (Cons. 2)	BCIS 4610 – Analysis of Business Information Systems (Conc. 2)

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.

Ⓒ 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.

***Collin Options:**

Mathematics/Life & Physical Sciences – MATH 1314, 1414, 1316, 2305, 2318, 2320, 2412, 2413, 2414, 2415, 1324, 1325, 1332, 1350, 1351, BIOL 1406, 1407, 1414, 1415, 2401, 2402, 2406, 2416, 2421, 1408, 1409, 2404, 2420, CHEM 1411, 1412, 2423, 2425, 1405, GEOL, 1401, ENVR 1401, 1402, GEOL 1403, 1404, PHYS 1401, 1402, 2425, 2426, 1402, 1445, 1447, 1403, 1404, 1405, 1410, 1415, 1417

Humanities/Fine Arts - choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321, ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

Social and Behavioral Sciences – choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306, GOVT 2305, 2306, HIST 1301, 1302, 2301

Speech – choose one from: SPCH 1311, 1315, 1321

UNT Concentrations:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan,
 Contact the Applied Arts and Sciences Unit Office at (940) 369-8129, baas@unt.edu
<http://baas.unt.edu>