Associate of Applied Science
Database Administration to
BAAS Information Technology
Guided Pathway
2018-2019 Catalog

First Year - NCTC

FIRST SEMESTER	SECOND SEMESTER
ITSW 1307 – Introduction to Database	**ITSE 1345** – Introduction to Oracle SQL
ITSE 1346 – Database Theory and Design	**ITSY 1342** – Information Technology Security
ITNW 1358 – Network +	**ITSE 2317** – Java Programming
EECT 1300 – Technical Customer Service	**ITSE 2302** – Intermediate Web Programming
ITSE 1303 – Introduction to MySQL	**ITSW 2337** – Advanced Database

Second Year - NCTC

It is best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
ᶜENGL 1301 –Composition I	**ᶜENGL 2311** – Technical & Business Writing
ᶜARTS 1301 – Art Appreciation*	**ITSE 2333** – Implementing a Database on Microsoft SQL Server
ITSE 2354 – Advanced Oracle PL/SQL	**ITNW 1355** – Information Storage and Management
ITSE 2356 – Oracle Database Administration I	
ᶜMATH 1332 – Contemporary Mathematics	**ᶜGOVT 2305** – Federal Government
	ITSE 2380 – Co. Ed. - Computer Programmer

AAS: Database Administration

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

Third Year – Tarleton State University

Summer	
BCIS 3333 C# Programming	Advanced Elective Course
FIRST SEMESTER	**SECOND SEMESTER**
*ᶜ Life and Physical Science Core (030)	*ᶜ Life and Physical Science Core (030)
ᶜ GOVT 2306 Texas Government (070)	*ᶜ Language, Philosophy and Culture (040)
ᶜ HIST 1301 American History I (060)	ᶜ HIST 1302 American History II (060)
*ᶜ Communication (010)	ᶜ ECON 2301 Principles of Macroeconomics (080)
Advanced Elective Course	ᶜ *Institutional Option

Fourth Year – Tarleton State University

Summer	
Advanced Elective Course	Advanced Elective Course
FIRST SEMESTER	**SECOND SEMESTER**
BUSI 3312 Business Communications	BCIS 3347 Data Communications
Advanced Elective Course	BCIS 3389 System Analysis & Design
Advanced Elective Course	BCIS 4301 Database Theory & Design
Advanced BCIS Course	BCIS 4350 BCIS4350 Management Information Systems
Advanced BCIS Course	Advanced BCIS Course

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

Additional coursework may be required if 36 credits are not awarded for the Occupational Specialization block.

For questions regarding the university portion of the guided pathway, contact the Marketing and Computer Information Systems Department at 254-968-9047.