



**Associate of Applied Science to
BAAS Information Technology
Guided Pathway
2016-2017 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	EECT 1300 – Technical Customer Service
ITNW 1358 – Network +	ITSE 2317 – Java Programming
ITSY 1342 – Information Technology Security	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. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 –Composition I	^C ENGL 2311 – Technical & Business Writing
^C ARTS 1301 – Art Appreciation*	ITSE 2358 – Oracle Database Administration II
ITSE 2354 – Advanced Oracle PL/SQL	ITSE 2344 – Oracle Database Structure & Data Warehousing
ITSE 2356 – Oracle Database Administration I	^C GOVT 2305 – Federal Government
^C MATH 1332 – Contemporary Mathematics	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

FIRST SEMESTER	SECOND SEMESTER
^C Science Core (030)	^C Science Core (030)
^C GOVT 2306 Texas Government (070)	^C Literature or PHIL 1301 Intro to Philosophy (050)
^C HIST 1301 American History I (060)	^C HIST 1302 American History II (060)
^C COMM 1311 Intro to Speech Communication (010)	^C ECON 2301 Principles of Macroeconomics (080)
Acct 2301 Principles of Accounting-Financial	BCIS 3332 Java Programming or 3333 C# Programming

Fourth Year – Tarleton State University

Summer	
BUSI 3311 Business Statistics	
FIRST SEMESTER	SECOND SEMESTER
ENGL 3309 Technical Writing or BUSI 3312 Business Communications	BCIS 3347 Data Communications
MGMT 3301 Principles of Management	BCIS 3389 System Analysis & Design
BCIS 3342 Advanced Java or 3343 Advanced C#	BCIS 4301 Database Theory & Design
Advanced BCIS electives (6 hrs)	BCIS 4350 BCIS4350 Management Information Systems
	Advanced BCIS electives (3 hrs)

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).

*For questions about the University portion of this guided pathway,
Contact the BAAS Manager at (254) 968-1930 or CIS_dept@tarleton.edu*