First Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
COSC 1315 – Introduction to Computer Programming*	COSC 1337 – Programming Fundamentals II*
ECON 1301 – Introduction to Economics*	C 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
C MATH 1324 – College Algebra* (020)	C 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 Tarleton State 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+)
C SPCH 1321 – Business and Professional Speaking* (090)	C 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 - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
CScience Core (030)	CScience Core (030)
CHIST 1301 United States History I (060)	CHIST 1302 United States History II (060)
CGOVT 2305 Federal Government (070)	CGOVT 2306 Texas Government (070)
CECON2301 Principles of Macroeconomics	ACCT 2301 Principles of Accounting I- Financial
CVisual & Performing Arts (040)	BCIS 3332 or 3333 Java Programming or C# Programming

Fourth Year - Tarleton State University

SUMMER SEMESTER
MGMT 3301 Principles of Management

FIRST SEMESTER	SECOND SEMESTER
ENGL 3309 or BUSI 3312 Technical Writing and Document Design or Business Communication	BCIS 3347 Data Communications
BUSI 3311 Business Statistics	BCIS 3389 System Analysis and Design
BCIS 3342 or 3343 Advanced Java Programming or Advanced C# Programming	BCIS 4301 Database Theory and Practice
Advanced BCIS electives (6hrs)	BCIS 4350 Management Information System
	Advanced BCIS elective (3hrs)

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.
 c This course counts for the Core Curriculum at any public college or university in Texas.

For questions about the Tarleton State University portion of this guided pathway,
Contact the BAAS Program Manager at 254-968-1930 or CIS_Dept@tarleton.edu