



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 1314 – College Algebra* (020)	^C MATH 1342 – Elementary Statistical Methods (020)

Total Semester Hours: 15 SCH

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Second Year - Collin College

It's best to apply to [Tarleton State](#) a full semester before you plan to transfer.

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 – Fund 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
^C Life and Physical Science Elective (030)	^C Life and Physical Science Elective (030)
^C HIST 1301 – United States History I (060)	^C HIST 1302 –United States History II (060)
^C GOVT 2305 – Federal Government (070)	^C GOVT 2306 –Texas Government (070)
^C ECON 2301 – Principles of Macroeconomics (080)	
^{*C} Creative Arts (050)	BCIS 3333 – C# Programming

SUMMER SEMESTER

Advanced BCIS Elective course	Advanced Elective course
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Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
BUSI 3312 – Business Communication	Advanced Elective course
BCIS 3347 – Data Communications	BCIS 3389 – System Analysis and Design
Advanced Elective course	BCIS 4301 – Database Theory and Practice
Advanced BCIS Elective course	BCIS 4350 – Management Information System
Advanced Elective course	Advanced BCIS Elective course

SUMMER SEMESTER

Advanced Elective course	Advanced Elective course
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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.

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