AAS Computer Science Programming Specialization to BAAS Information Technology
Guided Pathway
Effective for the 2017-2018 Catalog

First Year - Hill College

FIRST SEMESTER – 15 Hours	SECOND SEMESTER – 16 Hours
INTW 1308 Implementing and Supporting client Operating System	**IMED 1316** Web Design I
COSC 1309 Logic and Design	**ITNW 1358** Network +
ITSC 1325 Personal Computer Hardware	**ITSC 1307** Unix Operating System I
ARTC 1325 Introduction to Computer Graphics	**COSC 1436** Programming Fundamentals I
BCIS 1305 Business Computer Applications	^C **ENGL 1301** Composition I

Second Year – Hill 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 – 15 Hours	SECOND SEMESTER – 14 Hours
COSC 1437 Programming Fundamentals II	**ISTE 2413** Web Authoring
ITSE 2409 Database Programming	**ITSE 2421** Object-Oriented Programming
ITSE 2417 Java Programming	^C ***ELECTIVE** Social and Behavioral Sciences**
^C ***MATH** College Level Mathematics Elective	^C ***ELECTIVE** Language, Philosophy and Culture or Creative Arts Core

AAS: Computer Science Programming Specialization

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	
^CCOMM 1311 Intro to Speech Communications (010)	

FIRST SEMESTER	SECOND SEMESTER
^CHIST 1301 United States History I (060)	^CHIST 1302 United States History II (060)
^CScience Core (030)	^CScience Core (030)
^CVisual & Performing Arts (040) or Literature or PHIL1301 Introduction to Philosophy (050)	^CGOVT 2306 Texas Government (070)
^CENGL 1302 Composition II (010)	ACCT 2301 Principles of Accounting I- Financial
^CGOVT 2305 Federal Government (070)	BCIS 3332 or 3333 Java Programming or C# Programming

Fourth Year - Tarleton State University

Summer	
Advanced BCIS elective (3hrs)	

FIRST SEMESTER	SECOND SEMESTER
BUSI 3311 Business Statistics	BCIS 3347 Data Communications
ENGL 3309 Technical Writing or BUSI 3312 Busi Comm	BCIS 3389 System Analysis and Design
MGMT 3301 Principles of Management	BCIS 4301 Database Theory and Practice
BCIS 3342 or 3343 Advanced Java or C# Programming	BCIs 4350 Management Information System
Advanced BCIS electives (3hrs)	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.
**ECON 2301 Preferred
^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 degree plan,
Contact the BAAS Program Manager at 254-968-1930 or CIS_Dept@tarleton.edu.