



AAS. Information Technology: Programming to  
Bachelor of Applied Arts & Sciences Degree  
With a focus in Information Systems  
**Guided Pathway**  
2019-2020 Catalog

**First Year - Tarrant County College District**

FIRST SEMESTER	SECOND SEMESTER
BCIS 1305 - Business Computer Applications *	ITCC 1414 - CCNA 1: Introduction to Networks*
ENGL 1301(010) - Composition I <sup>C</sup>	COSC 1436 - Fundamentals of Programming I
MATH 1314(020) - College Algebra <sup>C*</sup>	ARTS 1301 (050) - Art Appreciation <sup>C*</sup>
SPCH 1321(010) - Business & Professional Comm <sup>C*</sup>	SOCI 1301 (080) - Introduction to Sociology <sup>C*</sup>
ITSC 1305 - Introduction to PC Operating Systems	ITSC 1425 - Personal Computer Hardware

**Second Year - Tarrant County College District**

It's best to apply to UNT 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
ITSY 1300 - Fundamentals of Information Security	COSC 2436 - Fundamentals of Programming III
COSC 1437 - Fundamentals of Programming II	ITSE 2409 - Database Programming
COSC 1420 - C Programming I *	ITSE 1450 - System Analysis and Design
ITSE 1479 - Introduction to Scripting Languages *	

**AAS: IT Programming**

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

**Summer - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
CSCE 1030 – Computer Science I (COSC 1436)	CSCE 1040 – Computer Science II (COSC 1437)

**Third Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
<sup>C</sup> PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	<sup>C</sup> Life and Physical Science
<sup>C</sup> Component Area Option 3XXX-4XXX	<sup>C</sup> PSCI 2306 - US and Texas Constitutions and Institutions (GOVT 2306)
CSCE 2100 – Computer Foundations I (MATH 2305)	CSCE 2110 – Computing Foundations II (COSC 2336)
Elective 3XXX-4XXX	Elective 3XXX-4XXX

**Summer SEMESTER**

Elective 3XXX-4XXX
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**Fourth Year - University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> Life and Physical Science	BAAS 4100 - Managing a 21 <sup>st</sup> Century Career
<sup>C</sup> HIST 2610 – US History to 1865 (HIST 1301)	<sup>C</sup> HIST 2620 – US History since 1865 (HIST 1302)
<sup>C</sup> Humanities course	<sup>C</sup> Component Area Option 3XXX-4XXX
CSCE 3XXXX-4XXX	CSCE 3XXXX-4XXX
CSCE 3XXXX-4XXX	CSCE 3XXXX-4XXX

**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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

(j) Course numbers shown in parentheses are equivalent to these courses at UNT.

UNT Focus Areas/Concentrations:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. An 8 course focus area is also included in this sample plan. Alternative concentrations could be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT  
Applied Arts and Sciences Unit Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu)  
<http://baas.unt.edu>