



**BACHELOR OF APPLIED ARTS & SCIENCES**  
Experience  
Discovery  
Collaboration  
Application

AAS in Cyber defense – Information Assurance to  
**Bachelor of Applied Arts and Sciences**  
With a focus area in Information Technology  
**Guided Pathway**  
Effective for the 2019-2020 Catalog

**First Year – Central Texas College**

FIRST SEMESTER	SECOND SEMESTER
ITCC 1314 CCNA 1: Introduction to Networks	ITCC 1340 CCNA 2: Routing & Switching Essentials
ITSC 1316 Linux Installation & Configuration	ITSE 1359 Introduction to Scripting Languages
COSC 1301 Introduction to Computing	ITSY 1342 Information Technology Security
ENGL 1301 Composition I	ITNW 1316 Network Administration
MATH 1314 College Algebra	SPCH 1321 Business & Professional Communication

**Second Year – Central Texas College**

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
ITSC 2325 Advanced Linux	ITNW 1454 Implementing & Supporting Servers
ITSY 2401 Firewalls and Network Security	PSYC 2301 or 2315 or SOCI 1301
ITSY 2345 Network Defense & Countermeasures	Creative Arts Selection*
ITNW 1345 Implementing Network Directory Services	ITSY 2459 Security Assessment & Auditing (Capstone) OR ITSY 2486 Internship – Computer & Information Systems Security
ITNW 1313 Computer Virtualization	

**AAS: Cyber defense – Information Assurance**

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
PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	Life and Physical Science
ENGL 1320 – College Writing II (ENGL 1302)	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

**Fourth Year - University of North Texas**

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

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

() 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>