



Information Systems Cybersecurity to
Bachelor of Applied Arts and Sciences
 With a focus area in Cyber Security
Guided Pathway
 Effective for the 2019-2020 catalog
First Year - Collin College



BACHELOR OF APPLIED ARTS & SCIENCES
 Experience
 Discovery
 Collaboration
 Application

FIRST SEMESTER	SECOND SEMESTER
ITNW 1358 – Network +	◦ Social/Behavior Science (see list below) - 3 hours
CPMT 1305 – IT Essentials I: PC Hardware and Software	ITCC 1314 – CCNA 1: Introduction to Networks
ITMT 1371 – Configuring and Supporting Microsoft Windows 10 (70-698)	ITMT 1373 – Networking with Windows Server 2016
ITMT 1372 – Installation, Storage, and Computing with Windows Server 2016	ITSC 1316 – Linux Installation and Configuration
◦ Mathematics (see list below) - 3 hours	Elective (see list below) - 3 hours

SUMMER SEMESTER
◦ ENGL 1301 – Composition I (010)
ITCC 1340 – CCNA 2: Routing and Switching Essentials

Second Year - Collin College

It's best to apply to University of North Texas a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your

FIRST SEMESTER	SECOND SEMESTER
ITSY 2300 – Operating System Security	◦ Humanities/Fine Arts (see list below) - 3 hours
ITSY 2301 – Firewalls and Network Security	ITSY 2341 – Security Management Practices (Capstone)
ITSY 2342 – Incident Response and Handling	ITSY 2343 – Computer System Forensics
Elective (see list below) - 3 hours	◦ Speech (see list below) - 3 hours

AAS: Information Systems Cybersecurity

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, or Math if science course taken in first year.
◦ 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
Elective 3XXX-4XXX
Elective 3XXX-4XXX

Fourth Year - University of North Texas

FIRST SEMESTER	SECOND SEMESTER
◦ Life and Physical Science	BAAS 4100 - Managing a 21 st Century Career
◦ HIST 2610 – US History to 1865 (HIST 1301)	◦ HIST 2620 – US History since 1865 (HIST 1302)
◦ Fine Arts course or Humanities if Fine Arts taken in first year. 3XXX-4XXX Level	◦ 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.

◦ 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.

***Collin Options:**

Mathematics – MATH 1314, 1414, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415, 1324, 1325, 1332, 1350, 1351

Humanities/Fine Arts - choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321, ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

Social and Behavioral Sciences – choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306, GOVT 2305, 2306, HIST 1301, 1302, 2301

Speech – choose one from: SPCH 1311, 1315, 1321

Elective - choose two from: ITSY 1300 (recommended), ITSY 2572 (recommended), or any ITCC, ITNW, ITMT, or ITSY course not listed in pathway.

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 Applied Arts and Sciences Unit Office at (940) 369-8129, baas@unt.edu
<http://baas.unt.edu>