



**Associate of Applied Science to  
Bachelor of Applied Arts & Sciences  
With a focus in Information Systems  
Guided Pathway  
Effective for the 2019-2020 Catalog  
First Year -- NCTC**



FIRST SEMESTER	SECOND SEMESTER
ITSW 1307 – Introduction to Database	ITSE 1345 – Introduction to Oracle SQL
ITSE 2321 – Object-Oriented Programming	ITSY 1342 – Information Technology Security
ITNW 1358 – Network +	ITSE 2317 – Java Programming
EECT 1300 - Technical Customer Service	ITSE 2302 – Intermediate Web Programming
ITSE 1303 – Introduction to MySQL	ITSW 2337 – Advanced Database

**Second Year -- NCTC**

It is 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
<sup>c</sup> ENGL 1301 –Composition I	<sup>c</sup> ENGL 2311 – Technical & Business Writing
<sup>c</sup> ARTS 1301 – Art Appreciation*	ITSE 2333– Implementing a Database on Microsoft SQL Server
ITSE 2354 – Advanced Oracle PL/SQL	ITNW 1335 – Information Storage and Management
ITSE 2356 – Oracle Database Administration I	
<sup>c</sup> MATH 1342 – Elementary Statistical Methods	<sup>c</sup> GOVT 2305 – Federal Government
	ITSE 2380 – Co. Ed. - Computer Programmer

**AAS: Database Management**

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> Component Area Option	<sup>c</sup> Life and Physical Science
<sup>c</sup> Social and Behavioral Sciences	<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 3XXX-4XXX Level	<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.**

\* 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. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

<sup>2</sup> Taking both GOVT courses at NCTC creates a better alignment.

() 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>