



**Associate of Applied Science  
In Database Administration to  
Bachelor of Applied Arts & Sciences  
Guided Pathway  
2018-2019 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 Texas A&M University-Commerce 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 Administration**

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

**Third Year - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> ENG 1302 - GLB/US-Written Argument/Research	<sup>c</sup> HIST 1302 - U.S. History from 1865
<sup>c</sup> HIST 1301 - U.S. History to 1877	<sup>c</sup> ELECTIVE
<sup>c</sup> PSCI 2301 - Principles of US and Texas Government <sup>2</sup>	<sup>c</sup> ANY LIFE & PHYSICAL SCIENCE CORE
<sup>c</sup> ANY LIFE & PHYSICAL SCIENCE CORE	<sup>c</sup> ANY DEGREE PATHWAY OPTION
<sup>c</sup> ANY LITERATURE, PHILOSOPHY, & CULTURE CORE	BAAS 326 Tech Techniques & Solutions
BAAS 301 Principles of Applied Sciences	

**Fourth Year - Texas A&M University-Commerce**

FIRST SEMESTER	SECOND SEMESTER
BAAS 345 Leadership Techniques	TMGT 350 Principles of Technology Management
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	BAAS 445 Ethical Decision Making
BAAS 351 Financial Tools for Mgrs (Pre-Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	Upper Level Elective
	TMGT 303 Technical Communications

**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 and does not count toward degree hours.**

\* 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 a NCTC creates a better alignment.

*For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.*