



**Associate of Applied Science
In Database Management to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2021-2022 Catalog**



First Year – NCTC

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

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 |
|---|--|
| ^c ENGL 1301 –Composition I | ^c ENGL 2311 – Technical & Business Writing |
| ^c 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 | |
| ^c MATH 1342 – Elementary Statistical Methods | ^c 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.

Third Year - Texas A&M University-Commerce

| FIRST SEMESTER | SECOND SEMESTER |
|---|---|
| ^c ENG 1302 - GLB/US-Written Argument/Research | ^c HIST 1302 - U.S. History from 1865 |
| ^c HIST 1301 - U.S. History to 1877 | ^c ELECTIVE |
| ^c PSCI 2301 - Principles of US and Texas Government ² | ^c ANY LIFE & PHYSICAL SCIENCE CORE |
| ^c ANY LIFE & PHYSICAL SCIENCE CORE | ^c ANY DEGREE PATHWAY OPTION |
| ^c 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.
- ^c 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).

²Taking 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.