

2018-19  
 BACHELOR OF BUSINESS ADMINISTRATION  
 CIS – SOFTWARE AND DATABASE DESIGN



TEXAS A&M  
 UNIVERSITY  
 CENTRAL TEXAS™

THIS IS A RECOMMENDED COURSE SEQUENCE

**TRANSFER GUIDE**

Freshman & Sophomore Level Coursework

*Generally taken at a community college*

<i>Texas Common Course Number</i>	<i>Course Title</i>	<i>Minimum Credits</i>
<b>ENGL 1301</b> (010)	Composition I	3
<b>ENGL 1302</b> (010)	Composition II	3
*MATH (020)	Math Core	3
*SCIENCE (030)	Science Core	3
*SCIENCE (030)	Science Core	3
*HUMANITIES (040)	LPC Core	3
*ARTS (050)	Arts Core	3
*HIST 1301 (060)	US History Core	3

<i>Texas Common Course Number</i>	<i>Course Title</i>	<i>Minimum Credits</i>
*HIST 1302 (060)	US History Core	3
*GOVT 2305 (070)	Government Core	3
*GOVT 2306 (070)	Government Core	3
<b>ECON 2301</b> (080)	Prin. of Macroeconomics	3
<b>ECON 2302</b> (090)	Prin. of Microeconomics	3
<b>SPCH 1311/1315/1321</b> (090)	Speech Elective	3
<b>ACCT 2301</b>	Prin. of Financial Acct.	3
<b>ACCT 2302</b>	Prin. Of Mgr Acct.	3

**Junior & Senior Level Coursework**

*Generally taken at Texas A&M University-Central Texas*

<i>TAMUCT Number</i>	<i>Course Title</i>	<i>Credits</i>
CIS 3347	Data Comm & Infrastructure	3
CIS 3365	System Analysis & Design	3
CIS 4301	Database Theory & Practices	3
CIS 4350	Management Info Systems	3
FIN 3301	Financial Management I	3
BUSI 3332	Legal Environment of Bus	3
BUSI 4359	Business Strategy	3
MGMT 3301	Principles of Management	3
MKTG 3301	Marketing	3
CIS 4341	Info Tech Security & Risk Mgt	3
CIS 3302	Intro to Business Analytics	3
CIS 4351	IS Project Management	3
CIS 3360	Ethics in Computing	3
CIS 4360	Strategic Information Systems	3
BUSI 3344	Intro to Global Bus Environment	3
BUSI 3311	Business Statistics	3

<i>TAMUCT Number</i>	<i>Course Title</i>	<i>Credits</i>
CIS 3303 or COSC 1309 or BCIS 1309	Programming Logic & Design Programming Logic & Design Intro to Programming Logic & Design	3
CIS 3300 or COSC 1301 or BCIS 1301	Computer Tech & Impact Introduction to Computing Microcomputer Applications	3
CIS 3330 or 3331/3332 or COSC 1320 or COSC 1315	C++ Programming Visual Basic Programming/Java Prog C Programming I Fundamentals of Programming	3
CIS 3340 or 3341 or 3342 or 3343	Adv C++ Prog or Adv Visual Basic or Adv Java or Prog for Windows & Web	3
CIS 3351	Data Structures	3
CIS 4340	Algorithm Design & Analysis	3
CIS 4352	Structured Query Language	3
CIS 4379	Software Engineering for E-Business	3

Concentration

\*Any approved course in that Foundational Component Area (FCA) at a Texas public college or university is acceptable; please speak with an A&M-Central Texas Academic Advisor to determine which choices may fit your education goals (Academic Advising Contact Information: [ug.advising@tamuct.edu](mailto:ug.advising@tamuct.edu) / (254) 501-5856)

**Community college level courses in bold are required for the major**; other courses may be used for core requirements, but these courses must still be completed in order to meet graduation requirements at A&M-Central Texas.