

2018-19  
BACHELOR OF SCIENCE  
CIS – MANAGEMENT AND NETWORKING



TEXAS A&M  
UNIVERSITY  
CENTRAL TEXAS™

THIS IS A RECOMMENDED COURSE SEQUENCE

**TRANSFER GUIDE**

Freshman & Sophomore Level Coursework

*Generally taken at a community college*

Texas Common Course Number	Course Title	Minimum Credits
<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

Texas Common Course Number	Course Title	Minimum Credits
*HIST 1301 (060)	US History Core	3
*HIST 1302 (060)	US History Core	3
*GOVT 2305 (070)	Government Core	3
*GOVT 2306 (070)	Government Core	3
<b>Social Sciences (080)</b>	Social/Behavioral Sciences	3
<b>ECON 2302</b> (090)	Prin. of Microeconomics	3
<b>SPCH 1311/1315/1321</b> (090)	Speech Elective	3

**Junior & Senior Level Coursework**

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

TAMUCT Number	Course Title	Credits
CIS 3360	Ethics in Computing	3
CIS 4351	IS Project Management	3
CIS 4341	Info Tech Security & Risk Mgmt	3
CIS 3315	Web Site Development & Design	3
CIS 4360	Strategic Information Systems	3
CIS 3347	Data Comm & Infrastructure	3
CIS 3365	System Analysis & Design	3
CIS 4301	Database Theory & Practices	3
CIS 4350	Management Infor Systems	3
BUSI 3311	Business Statistics	3
MGMT 3301	Principles of Management	3
CIS 3300 or COSC 1301	Computer Technology & Impact Introduction to Computing	3
ELECTIVES	Any Level Electives	12
CIS ELECTIVES	Any Level CIS Electives	6

TAMUCT Number	Course Title	Credits
CIS 3330 or CIS 3331 or CIS 3332 or COSC 1320 or COSC 1315	C++ Programming Visual Basic Programming Java Programming C Programming I Fundamentals of Programming	3
CIS 3303 or COSC 1309 or BCIS 1309	Programming Logic & Design Programming Logic & Design Intro to Programming Logic & Design	3
CIS ELECTIVES	Advanced CIS Elective	3
CIS 3305	Operating Systems Theory & Practice	3
CIS 4335	UNIX Systems Admin. & Programming	3
CIS 4345	Network and Systems Security	3
CIS 4376	Network Administration	3
CIS 4378	Comprehensive Networking	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.