SUGGESTED FOUR-YEAR SCHEDULE: 2018-19
B.S.C.I.S. in Computer Information Systems - Secondary Certification

COLLEGE OF
Science and
Engineering
A&M-COMMERCE

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*Component Area (Signature Course)	3
*Component Area (Degree Pathway)	3
*Creative Arts	3
COSC 1436 & 1436L, Intro Comp Sci & Prog	4
Total Hours	**16**

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*MATH 1325, Business App II	3
*Social & Behavioral Sciences	3
COSC 1337, Programming Fundamentals II	3
COSC 2325, Machine Lang/Comp Organization	3
Total Hours	**15**

Second Year Fall Semester

*HIST 1301, US History to 1877	3
*Life & Physical Science	3
COSC 2336, Data Structures & Algorithms	3
CSCI 380, Web Programming & Interface	3
PSY 300, Lrng Processes & Development	3
Total Hours	**15**

Second Year Spring Semester

*HIST 1302, US History from 1865	3
*Life & Physical Science	3
CSCI 340, Introduction to Database	3
Advanced CSCI 300/400	3
BUSA 428, Project Management	3
Total Hours	**15**

Third Year Fall Semester

*PSCI 2301, Princ of US & TX Govt	3
CSCI 359, Systems Analysis & Design	3
Advanced CSCI 300/400	3
ENG 341, Technical Writing or	3
MGT 303, Business Communications	
SED 330, Roles & Responsibilities	3
Total Hours	**15**

Third Year Spring Semester

*PSCI 2302, US/TX Govt; Insts & Pols	3
CSCI 333, Java Language Programming	3
CSCI 440, App Sofware Project Development	3
ECO 302, Business & Economic Statistics or	3
MATH 453, Essentials of Statistics	
SED 331, Instructional Design	3
Total Hours	**15**

Fourth Year Fall Semester

*Literature, Philosophy, & Culture	3
CSCI 434, Introduction to Computer Networks	3
CSCI 415, GLB/Information Sec, Law, & Ethics	3
SED 332, Project Based Learning	3
RDG 380, Compr & Vocab in MLED/HS	3
Total Hours	**15**

Fourth Year Fall Semester

Student Teaching	
SED 400, Pedagogy & Classrm Manage	3
SED 401, Tech Infused Curriculum & Assessm	3
SED 404, Secondary Teaching Practicum	3
SED 405, Secondary Residency in Teaching	6
Total Hours	**15**

Degree Total	**121**

* This course should be used to satisfy the Core Curriculum Requirements

MATH 1314 College Algebra or MATH 1324 Business App I may be used for Degree Pathway requirement

The suggested plan shown is subject to change. Please check the current Undergraduate Catalog (catalog.tamuc.edu) for required courses in your program.