

SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

B.S. in Computer Science



COLLEGE OF
**Science and
Engineering**
A&M-COMMERCE

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*MATH 2413, Calculus I	4
*Component Area Option	3
COSC 1436, Intro to Comp Sci & Prog	4
Total Hours	14

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*MATH 2414, Calculus II	4
COSC 1437, Programming Fundamentals II	4
COSC 2325, Machine Lang/Comp Org	3
Total Hours	14

Second Year Fall Semester

*HIST 1301, US History to 1877	3
*PHYS 2425, University Physics I	4
COSC 2336, Data Structures & Algorithms	3
CSCI 340, Introduction to Database	3
MATH 2305, Discrete Mathematics	3
Total Hours	16

Second Year Spring Semester

*HIST 1302, US History from 1865	3
*PHYS 2426, University Physics II	4
CSCI 359, Systems Analysis & Design	3
CSCI 380, Web Programming & Interface	3
MATH 2318, Linear Algebra	3
Total Hours	16

Third Year Fall Semester

*PSCI 2305, US Government & Politics	3
*Language, Philosophy, and Culture	3
CSCI 428, Intro to Obj Oriented Program	3
CSCI 440, App Software Project Dev	3
Advanced CSCI Courses	3
Total Hours	15

Third Year Spring Semester

*PSCI 2306, Texas Government & Politics	3
*Creative Arts	3
CSCI 303, Tech Comm for Comp Prof	3
CSCI 430, Intro to Operating Systems	3
Advanced CSCI Courses	3
Total Hours	15

Fourth Year Fall Semester

*Social and Behavioral Sciences	3
CSCI 415, GLB/Info Sec, Law, & Ethics	3
Advanced CSCI Courses	3
Advanced CSCI Courses	3
Advanced CSCI Courses	3
Total Hours	15

Fourth Year Spring Semester

CSCI 434, Intro to Computer Networks	3
CSCI 450, Computer Architecture	3
Advanced CSCI Courses	3
MATH 403, Intro to Mathematical Statistics	3
Advisor Approved Elective	3
Total Hours	15

Degree Total 120

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

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