

SUGGESTED FOUR-YEAR SCHEDULE: 2018-19

B.S. in Electrical Engineering



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

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*Component Area (Signature Course)	3
ENGR 110, Introduction to Engineering	3
*MATH 2413, Calculus I	4
*PHYS 2425, University Physics I	4
Total Hours	17

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*HIST 1301, US History to 1877	3
ENGR 113, Product Design & Development	3
MATH 2414, Calculus II	4
PHYS 2426, University Physics II	4
Total Hours	17

Second Year Fall Semester

*HIST 1302, US History from 1865	3
ENGR 2304, Computing for Engineers	3
MATH 2415, Calculus III	4
COSC 1436 & 1436L, Intro to Comp Sci & Prog	4
EE 210, Digital Circuits	3
Total Hours	17

Second Year Spring Semester

*PSCI 2301, Princ of US & TX Govt	3
ENGR 2308, Engineering Economic Analysis	3
ENGR 213, Engineering Statistics	3
EE 220, Circuit Theory	3
MATH 2318, Linear Algebra	3
Total Hours	15

Third Year Fall Semester

MATH 2320, Differential Equations	3
EE 320, Electronics I	3
EE 310, Digital Sys/Embedded Cntl	3
*CHEM 1311, Gen & Quant Chemistry I	3
CHEM 1111, Gen & Quant Chemistry I Lab	1
*PSCI 2302, US/TX Govt; Insts & Pols	3
Total Hours	16

Third Year Spring Semester

*Literature, Philosophy, & Culture	3
*ECO 2301, Macro Economics or	3
ECO 2302, Micro Economics	
EE 330, Continuous Signals & Systems	3
EE 321, Electronics II	3
EE 340, Electromagnetics	3
Total Hours	15

Fourth Year Fall Semester

Technical Elective in EE or PHYS	3
Technical Elective in EE or PHYS	3
EE 430, Discrete Signals & Systems	3
EE 440, Power	3
EE 470, Capstone Design/Internship I	3
Total Hours	15

Fourth Year Spring Semester

*Creative Arts	3
EE 433, Digital Signal Processing	3
EE 435, Control Systems	3
EE 471, Capstone Design/Internship II	3
Technical Elective in EE or PHYS	3
Total Hours	15

Degree Total 127

* 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.