

SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

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	3
*MATH 2413, Calculus I	4
*PHYS 2425, University Physics I	4
ENGR 110, Introduction to Engineering	3
Total Hours	17

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*Creative Arts	3
MATH 2414, Calculus II	4
PHYS 2426, University Physics II	4
ENGR 113, Product Design & Development	3
Total Hours	17

Second Year Fall Semester

*HIST 1301, US History to 1877	3
COSC 1436, Intro to Comp Sci & Prog	4
MATH 2415, Calculus III	4
EE 210, Digital Circuits	3
ENGR 2304, Computing for Engineers	3
Total Hours	17

Second Year Spring Semester

*HIST 1302, US History from 1865	3
MATH 2318, Linear Algebra	3
EE 220, Circuit Theory	3
ENGR 213, Engineering Statistics	3
ENGR 2308, Engineering Economic Analysis	3
Total Hours	15

Third Year Fall Semester

*PSCI 2305, US Government & Politics	3
*CHEM 1311, Gen & Quant Chemistry I	3
*CHEM 1111, Gen & Quant Chemistry I Lab	1
MATH 2320, Differential Equations	3
EE 310, Digital Sys/Embedded Cntl	3
EE 320, Electronics I	3
Total Hours	16

Third Year Spring Semester

*PSCI 2306, TX Government & Politics	3
*ECO 2302, Principles of Micro Economics	3
EE 321, Electronics II	3
EE 330, Continuous Signals & Systems	3
EE 340, Electromagnetics	3
Total Hours	15

Fourth Year Fall Semester

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

Fourth Year Spring Semester

*Literature, Philosophy, & Culture	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.