

SUGGESTED FOUR-YEAR SCHEDULE: 2018-19

B.S. in Mathematics



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

First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*Mathematics	3
*Component Area (Degree Pathway)	3
*Life & Physical Science	3
COSC 1436 & 1436L, Intro to Comp Sci & Prog	4

Total Hours 16

First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*Component Area (Signature Course)	3
MATH 2413, Calculus I	4
PHYS 2425, University Physics I	4
COSC 1337, Programming Fundamentals II or COSC 2325, Machine Lang/Comp Org	3

Total Hours 17

Second Year Fall Semester

*HIST 1301, US History to 1877	3
*Life & Physical Science	3
MATH 2414, Calculus II	4
MATH 2305, Discrete Mathematics	3
Minor, Second Major, or Elective	3

Total Hours 16

Second Year Spring Semester

*HIST 1302, US History from 1865	3
MATH 2415, Calculus III	4
MATH 2318, Linear Algebra	3
MATH 332, Methods of Mathematical Proofs	3

Total Hours 13

Third Year Fall Semester

*PSCI 2301, Princ of US & TX Govt	3
MATH 2320, Differential Equations	3
MATH 333, Advanced Linear Algebra	3
MATH 402, Intro to Mathematical Probability	3
Minor, Second Major, or Elective	3

Total Hours 15

Third Year Spring Semester

*PSCI 2302, US/TX Govt; Insts & Pols	3
MATH 334, Intro to Abstract Algebra	3
MATH 403, Intro to Mathematical Statistics	3
Math Elective (See Catalog)	3
Minor, Second Major, or Elective	3

Total Hours 15

Fourth Year Fall Semester

*Creative Arts	3
*Literature, Philosophy, & Culture	3
MATH 436 or 438 or 440	3
Math Elective (See Catalog)	3
Minor, Second Major, or Elective	3

Total Hours 15

Fourth Year Spring Semester

*Social & Behavioral Science	3
Math Elective (See Catalog)	3
Math Elective (See Catalog)	3
Minor, Second Major, or Elective	4

Total Hours 13

Degree Total 120

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

It is recommended that an 8 week MATH 1314 College Algebra be taken to satisfy the Mathematics Core requirement

It is recommended that an 8 week MATH 2312 Pre-Calculus be taken to satisfy the Degree Pathway Core requirement

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