

SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

B.S. in Mathematics



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

First Year Fall Semester

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|--------------------------------------|---|
| *ENG 1301, College Reading & Writing | 3 |
| *HIST 1301, US History to 1877 | 3 |
| *MATH 2413, Calculus I | 4 |
| *Life & Physical Science | 3 |
| *Component Area | 3 |

Total Hours 16

First Year Spring Semester

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| *ENG 1302, Written Argument/Research | 3 |
| *HIST 1302, US History from 1865 | 3 |
| *MATH 2414, Calculus II | 4 |
| *PHYS 2425, University Physics I | 4 |

Total Hours 14

Second Year Fall Semester

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| *PSCI 2305, U.S. Government & Politics | 3 |
| COSC 1436, Intro to Comp Sci & Prog | 4 |
| MATH 2305, Discrete Mathematics | 3 |
| MATH 2415, Calculus III | 4 |
| Minor, Second Major, or Elective | 3 |

Total Hours 17

Second Year Spring Semester

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| *PSCI 2306, Texas Government & Politics | 3 |
| COSC 1437, Programming Fundamentals II | 4 |
| MATH 2318, Linear Algebra | 3 |
| MATH 332, Methods of Mathematical Proofs | 3 |
| Minor, Second Major, or Elective | 3 |

Total Hours 16

Third Year Fall Semester

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| *Literature, Philosophy, & Culture | 3 |
| MATH 2320, Discrete Mathematics | 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

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| *Social & Behavioral Science | 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

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| *Creative Arts | 3 |
| MATH 436 or 438 or 440 | 3 |
| Math Elective (See Catalog) | 3 |
| Minor, Second Major, or Elective | 3 |
| Minor, Second Major, or Elective | 3 |

Total Hours 15

Fourth Year Spring Semester

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|----------------------------------|---|
| Math Elective (See Catalog) | 3 |
| Math Elective (See Catalog) | 3 |
| Minor, Second Major, or Elective | 3 |
| Minor, Second Major, or Elective | 3 |

Total Hours 12

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.