

SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

B.S. in Construction Engineering



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

First Year Fall Semester

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|---|-----------|
| *ENG 1301, College Reading & Writing | 3 |
| *CHEM 1311, Gen & Quant Chemistry I | 3 |
| *CHEM 1111, Gen & Quant Chemistry I Lab | 1 |
| *MATH 2413, Calculus I | 4 |
| ENGR 110, Introduction to Engineering | 3 |
| ENGR 1304, Computer-Aided Design | 3 |
| Total Hours | 17 |

First Year Spring Semester

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| *ENG 1302, Written Argument/Research | 3 |
| *HIST 1301, US History to 1877 | 3 |
| *Component Area | 3 |
| MATH 2414, Calculus II | 4 |
| *PHYS 2425, University Physics I | 4 |
| Total Hours | 17 |

Second Year Fall Semester

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| *HIST 1302, US History from 1865 | 3 |
| MATH 2415, Calculus III | 4 |
| PHYS 2426, University Physics II | 4 |
| ENGR 2303, Engineering Mechanics | 3 |
| ENGR 2304, Computing for Engineers | 3 |
| Total Hours | 17 |

Second Year Spring Semester

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| *PSCI 2305, US Government & Politics | 3 |
| *Literature, Philosophy, & Culture | 3 |
| CONE 221, Building Construction | 3 |
| ENGR 213, Engineering Statistics | 3 |
| ENGR 2308, Engineering Economic Analysis | 3 |
| Total Hours | 15 |

Third Year Fall Semester

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| *PSCI 2306, TX Government & Politics | 3 |
| *ECO 2302, Principles of Micro Economics | 3 |
| MATH 2320, Differential Equations | 3 |
| CONE 321, Construction Estimating | 3 |
| CONE 331, Mechanics of Materials | 3 |
| Total Hours | 15 |

Third Year Spring Semester

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| MATH 2318, Linear Algebra | 3 |
| CONE 322, CONE Planning & Scheduling | 3 |
| CONE 332, Structural Analysis & Design | 3 |
| CONE 341, ENGR Hydrology & Hydraulics | 3 |
| CONE 351, Surveying for Construction | 3 |
| Total Hours | 15 |

Fourth Year Fall Semester

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| CONE 413, Design & Construction of Steel | 3 |
| CONE 414, Design & CONE of Concrete | 3 |
| CONE 441, Highway & Heavy Construction | 3 |
| CONE 470, Prep for CONE Engr Capstone | 3 |
| ENGR 411, Engineering Management | 3 |
| Total Hours | 15 |

Fourth Year Spring Semester

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| *Creative Arts | 3 |
| CONE 423, Contracts & Specifications | 3 |
| CONE 424, CONE Acct & Financial MGT | 3 |
| CONE 432, Design & Construction of Found | 3 |
| CONE 471, CONE Engineering Capstone | 3 |
| Total Hours | 15 |

Degree Total 126

* 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.