

# SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

— B.S. in Chemistry - A.C.S. Professional —



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

## First Year Fall Semester

*ENG 1301, College Reading & Writing	3
*HIST 1301, US History to 1877	3
*CHEM 1311, Gen & Quant Chemistry I	3
*CHEM 1111, Gen & Quant Chemistry I Lab	1
CHEM 101, Gen & Quant Chemistry I Tutorial	1
*MATH 2413, Calculus I	4

**Total Hours** 15

## First Year Spring Semester

*ENG 1302, Written Argument/Research	3
*HIST 1302, US History from 1865	3
*CHEM 1312, Gen & Quant Chemistry II	3
*CHEM 1112, Gen & Quant Chemistry II Lab	1
CHEM 102, Gen & Quant Chemistry II Tutorial	1
MATH 2414, Calculus II	4
*Component Area	3

**Total Hours** 18

## Second Year Fall Semester

CHEM 2323, Organic Chemistry I	3
CHEM 2123, Organic Chemistry I Lab	1
CHEM 201, Organic Chemistry I Tutorial	1
MATH 2415, Calculus III	4
PHYS 2425, University Physics I	4
Second Major, Minor or Elective	3

**Total Hours** 16

## Second Year Spring Semester

*Social & Behavioral Sciences	3
CHEM 2325, Organic Chemistry II	3
CHEM 2125, Organic Chemistry II Lab	1
CHEM 202, Organic Chemistry II Tutorial	1
PHYS 2426, University Physics II	4
Second Major, Minor or Elective	3

**Total Hours** 15

## Third Year Fall Semester

*PSCI 2305, US Government & Politics	3
*Creative Arts	3
CHEM 340, Quant & Instrumental Analysis	4
CHEM 351, Physical Chemistry	4

**Total Hours** 14

## Third Year Spring Semester

*PSCI 2306, TX Government & Politics	3
*Language, Philosophy, & Culture	3
CHEM 352, Physical Chemistry	4
CHEM 441, Instrumental Analysis	4
Second Major, Minor or Elective	3

**Total Hours** 17

## Fourth Year Fall Semester

CHEM 401, GLB/Chemical Sci & Profession	1
CHEM 414, Biochemistry	4
CHEM 418, Undergrad Research	3
Second Major, Minor or Elective	4
Second Major, Minor or Elective	3

**Total Hours** 15

## Fourth Year Spring Semester

CHEM 401, GLB/Chemical Sci & Profession	1
CHEM 415, Advanced Inorganic Chemistry	4
CHEM 418, Undergrad Research	3
Advanced CHEM Course	3
Second Major, Minor or Elective	4

**Total Hours** 15

**Degree Total** 125

\* 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](http://catalog.tamuc.edu)) for required courses in your program.**