

SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

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



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
BSC 1406, Introductory Biology I	4
MATH 2415, Calculus III	4
PHYS 2425, University Physics I	4

Total Hours 17

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
BSC 1407, Introductory Biology I	4
PHYS 2426, University Physics II	4

Total Hours 16

Third Year Fall Semester

*PSCI 2305, US Government & Politics	3
*Creative Arts	3
CHEM 340, Quant & Instrumental Analysis	4
CHEM 351, Physical Chemistry	4
BSC 303, Cell Biology	4

Total Hours 18

Third Year Spring Semester

*PSCI 2306, TX Government & Politics	3
CHEM 352, Physical Chemistry	4
CHEM 414, Biochemistry	4
CHEM 441, Instrumental Analysis	4

Total Hours 15

Fourth Year Fall Semester

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

Total Hours 14

Fourth Year Spring Semester

CHEM 401, GLB/Chemical Sci & Profession	1
CHEM 417, Advanced Biochemistry	3
CHEM 418, Undergrad Research	3
Second Major, Minor or Elective	4
Second Major, Minor or Elective	3

Total Hours 14

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.