

# SUGGESTED FOUR-YEAR SCHEDULE: 2019-20

## B.S. in Chemistry



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         |
| *Component Area                            | 3         |
| *CHEM 1311, Gen & Quant Chemistry I        | 3         |
| *CHEM 1111, Gen & Quant Chemistry I Lab    | 1         |
| CHEM 101, Gen & Quant Chemistry I Tutorial | 1         |
| <b>Total Hours</b>                         | <b>14</b> |

### First Year Spring Semester

|   |           |
|---|-----------|
| *ENG 1302, Written Argument/Research        | 3         |
| *HIST 1302, US History from 1865            | 3         |
| *MATH 2413, Calculus I                      | 4         |
| *CHEM 1312, Gen & Quant Chemistry II        | 3         |
| *CHEM 1112, Gen & Quant Chemistry II Lab    | 1         |
| CHEM 102, Gen & Quant Chemistry II Tutorial | 1         |
| <b>Total Hours</b>                          | <b>15</b> |

### Second Year Fall Semester

|  |           |
|--|-----------|
| *PSCI 2305, US Government & Politics   | 3         |
| CHEM 2323, Organic Chemistry I         | 3         |
| CHEM 2123, Organic Chemistry I Lab     | 1         |
| CHEM 201, Organic Chemistry I Tutorial | 1         |
| MATH 2414, Calculus II                 | 4         |
| PHYS 2425, University Physics I        | 4         |
| <b>Total Hours</b>                     | <b>16</b> |

### Second Year Spring Semester

|   |           |
|---|-----------|
| *PSCI 2306, TX Government & Politics    | 3         |
| CHEM 2325, Organic Chemistry II         | 3         |
| CHEM 2125, Organic Chemistry II Lab     | 1         |
| CHEM 202, Organic Chemistry II Tutorial | 1         |
| MATH 2415, Calculus III                 | 4         |
| PHYS 2426, University Physics II        | 4         |
| <b>Total Hours</b>                      | <b>16</b> |

### Third Year Fall Semester

|   |           |
|---|-----------|
| CHEM 340, Quant & Instrumental Analysis | 4         |
| CHEM 351, Physical Chemistry            | 4         |
| Advanced CHEM Course                    | 4         |
| Advanced CHEM Course                    | 3         |
| Second Major, Minor or Elective         | 3         |
| <b>Total Hours</b>                      | <b>18</b> |

### Third Year Spring Semester

|                                  |           |
|----------------------------------|-----------|
| *Language, Philosophy, & Culture | 3         |
| *Creative Arts                   | 3         |
| Advanced CHEM Course             | 3         |
| Advanced CHEM Course             | 3         |
| Second Major, Minor or Elective  | 3         |
| <b>Total Hours</b>               | <b>15</b> |

### Fourth Year Fall Semester

|   |           |
|---|-----------|
| *Social & Behavioral Sciences           | 3         |
| CHEM 401, GLB/Chemical Sci & Profession | 1         |
| CHEM 418, Undergrad Research            | 2         |
| Advanced CHEM Course                    | 3         |
| Second Major, Minor or Elective         | 3         |
| Second Major, Minor or Elective         | 3         |
| <b>Total Hours</b>                      | <b>15</b> |

### Fourth Year Spring Semester

|   |           |
|---|-----------|
| CHEM 401, GLB/Chemical Sci & Profession | 1         |
| CHEM 418, Undergrad Research            | 2         |
| Advanced CHEM Course                    | 3         |
| Advanced CHEM Course                    | 3         |
| Second Major, Minor or Elective         | 3         |
| Second Major, Minor or Elective         | 3         |
| <b>Total Hours</b>                      | <b>15</b> |

**Degree Total 124**

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.