



**Sample 4 Year Plan
Bachelor of Science
Chemistry**

| | | Fall Semester | | Spring Semester | | |
|------------|----|--|------------|-----------------|---|------------|
| First Year | | Course Information | Credit Hrs | | Course Information | Credit Hrs |
| | AP | UNIV 1000 – University Success | 1 | AP | ENGL 1020 – English Composition II | 3 |
| | AP | ENGL 1010 – English Composition I | 3 | AP | History Core | 3 |
| | AP | MATH 1730 – Precalculus | 4 | AP | CHEM 1120/1121 – General Chemistry II w/lab | 4 |
| | AP | Humanities and Fine Arts | 3 | | BIOL 1110/1111 – General Biology I w/lab | 4 |
| | AP | CHEM 1110/1111 – General Chemistry I w/lab | 4 | | | |
| | | TOTAL SCH | 15 | | TOTAL SCH | 14 |

| | | Fall Semester | | Spring Semester | | |
|-------------|----|--|------------------|-----------------|---|------------------|
| Second Year | | CHEM 2000 – Chemistry Sophomore Seminar | 1 | | CHEM 3520/3521 – Organic Chemistry II w/lab | 4 |
| | | CHEM 3510/3511 – Organic Chemistry I w/lab | 4 | AP | COMM 2045 – Public Speaking | 3 |
| | AP | ENGL 2330 – Topics in World Literature | 3 | | PHYS 2020/2021 – College Physics II w/lab | 4 |
| | | PHYS 2010/2011 – College Physics I w/lab | 4 | AP | Social and Behavioral Sciences | 3 |
| | AP | Social and Behavioral Sciences Core | 3 | | | |
| | | | TOTAL SCH | 15 | | TOTAL SCH |

| | | Fall Semester | | Spring Semester | | |
|------------|----|--|------------------|-----------------|--|-----------------|
| Third Year | | CHEM 3210/3211 – Quantitative Analysis w/lab | 4 | | CHEM 3440/3441 – Inorganic Chemistry w/lab | 4 |
| | | CHEM 4310/4311 – Biochemistry I w/lab | 4 | | Math 1910 – Calculus I | 4 |
| | AP | History Core | 3 | | CHEM Upper Division Directed Electives | 3 |
| | | Elective | 3 | | Elective | 3 |
| | | Elective | 3 | | Elective | 1 |
| | | | | | CHEM 4000 – Chemistry Senior Seminar | 1 |
| | | | TOTAL SCH | 17 | | TOTALSCH |

| | | Fall Semester | | Spring Semester | | | |
|-------------|----|---|------------------|-----------------|---|------------------|-----------|
| Fourth Year | | CHEM 3610/3611 – Physical Chemistry I w/lab | 4 | | Elective | 3 | |
| | AP | Humanities and Fine Arts Core | 3 | | CHEM 3620/3621 – Physical Chemistry II w/lab or CHEM 3220/3221 – Instrumental Analysis w/lab or CHEM 4440/4441 – Advanced Inorganic Chemistry w/lab or CHEM 4320/4321 – Biochemistry II w/lab | 4 | |
| | | College of STEM Upper Division Elective | 4 | | College of STEM Upper Division Elective | 4 | |
| | | Elective | 4 | | Elective | 3 | |
| | | | TOTAL SCH | 15 | | TOTAL SCH | 14 |

*AP designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.