Bachelor of Science in Chemistry
Sample Degree Plan

Fall Semester, First Year (15 SCH)	Spring Semester, First Year (15 SCH)
RHET 1101 Oral Communication MATH 2417 Calculus I CHEM 1311 General Chemistry I CHEM 1111 Chemistry Lab I RHET 1302 Composition II HIST 1301 Themes and Ideas in American History	PHYS 2325 Mechanics and Heat PHYS 2125 Physics Lab 1 MATH 2419 Calculus II CHEM 1312 General Chemistry II CHEM 1112 Chemistry Lab II HIST 1302 Issues in American History
Fall Semester, Second Year (16 SCH)	**Spring Semester, Second Year (17 SCH)**
CHEM 2323 Organic Chemistry I CHEM 2123 Organic Chemistry Lab PHYS 2326 Electromagnetism and Waves PHYS 2126 Physics Lab II MATH 2451 Multivariable Calculus CHEM 2401 Intro Quantitative Methods	CHEM 2325 Organic Chemistry II CHEM 2125 Organic Chemistry Lab MATH 2418 Linear Algebra **OR** STAT 3332 Stats for life sciences GOVT 2302 Political Economy of Texas HUMA 1301 Intro Humanities Free elective (3 SCH)
Fall Semester, Third Year (14 SCH)	**Spring Semester, Third Year (14-15 SCH)**
CHEM 3472 Instrumental Analysis CHEM 3361 Biochemistry I BIOL 3161 Biochemistry Workshop (to be taken with CHEM 3361) CHEM 3321 Physical Chemistry A GOVT 2301 American Government	CHEM 3322 Physical Chemistry B CHEM 3471 Advanced Synthesis Lab Social and Behavioral Science elective CHEM 3362 + 3162 Biochemistry II + workshop OR CHEM 4335 Polymer Chemistry
Fall Semester, Fourth Year (15 SCH)	**Spring Semester, Fourth Year (16 SCH)**
CHEM 3341 Inorganic Chemistry CHEM 4V91 Research In Chemistry ARTS 1301 Exploration of the Arts Advanced Elective (Non-Chemistry, 3 SCH) Free Elective (3 SCH)	CHEM 4473 Physical Measurements Lab CHEM 4V91 Research In Chemistry Advanced Elective (Non-Chemistry, 3 SCH) Free Elective (6 SCH)

- need enough upper level electives to have a total of 51 upper level hours overall
- Always check with your advisor to verify that you are on track to graduate on time
- Research in Chemistry may begin as early as the sophomore year.