

SUGGESTED PROGRAM – BACHELOR OF ARTS IN CHEMISTRY

FIRST YEAR

Fall Semester Suggested Program	
Courses	Hours
ENGL 1303. Freshman Composition I	3
CHEM 1331 and 1111. Fundamentals of Chemistry and Fundamentals of Chemistry Laboratory	4
MATH 1431. Calculus I	4
HIST 1377. The United States to 1877 or equivalent	3
Social Sciences Core Course	3
Total	17

Spring Semester Suggested Program	
Courses	Hours
ENGL 1304. Freshman Composition II	3
CHEM 1332 and 1112. Fundamentals of Chemistry and Fundamentals of Chemistry Laboratory	4
MATH 1432. Calculus II	4
HIST 1378. The United States Since 1877 or equivalent	3
Total	14

SECOND YEAR

Fall Semester Suggested Program	
Courses	Hours
CHEM 3331 and 3221. Fundamentals of Organic Chemistry and Fundamentals of Organic Chemistry Laboratory	5
MATH 2433. Calculus III	4
PHYS 1321. University Physics I	3
Writing in the Discipline Core Course	3
Total	15

Spring Semester Suggested Program	
Courses	Hours

CHEM 3332 and 3222 . Fundamentals of Organic Chemistry and Fundamentals of Organic Chemistry Laboratory	5
MATH 3321 . Engineering Math	3
PHYS 1322 . University Physics II	3
PHYS 1121 . Physics Laboratory I	1
Elective	3
Total	15

THIRD YEAR

Fall Semester Suggested Program	
Courses	Hours
CHEM 4370 or 4373 . Physical Chemistry I or Survey of Physical Chemistry	3
PHYS 1122 . Physics Laboratory II	1
POLS 1336 . U.S. and Texas Constitutions and Politics or equivalent	3
Foreign Language (2000-level)	3
Visual/Performing Arts Core Course	3
Total	13

Spring Semester Suggested Program	
Courses	Hours
Chemistry Elective	3
NSM Capstone, Minor or Elective Courses	3
Foreign Language (2000-level)	3
Humanities Core Course	3
POLS 1337 . U.S. Government: Congress, President and Courts or equivalent	3
Total	15

FOURTH YEAR

Fall Semester Suggested Program	
Courses	Hours
Chemistry Electives	6
NSM Capstone, Minor or Elective Courses	10
Total	16

Spring Semester Suggested Program

Courses	Hours
Chemistry Electives	5
NSM Capstone, Minor or Elective Courses	10
Total	15