

Minimum required: 120 semester credit hours

General Requirements

- The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
- Students must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
- Students must select a minor from the approved list of Undergraduate Minors (<http://www.mycatalog.txstate.edu/undergraduate/minors/>). Minor and electives should be chosen in consultation with the academic advisor.
- The minimum number of hours required for this degree program is 120. The number of free elective hours a student completes depends on the number of hours a student may need to achieve the required 120 total or 36 advanced hours.
- Students entering Texas State with fewer than 16 credit hours completed after high school graduation will be required to take US 1100. All others will be exempt from taking this course. Students may be required to earn an additional elective to reach the 120 minimum total credit hour requirement for the awarding of a degree.
- Nine semester credit hours must be writing intensive (WI).
- If two years of the same foreign language were taken in high school, then no additional language hours will be required. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
- Elective credit for CHEM 3190, CHEM 3290, and CHEM 4299 is limited to a total of 4 credit hours.

Course Requirements

Freshman	
First Semester Hours	Second Semester Hours
CHEM 1141 (TCCN CHEM 1111)	1 CHEM 1142 (TCCN CHEM 1112)
CHEM 1341 (Life and Physical Sciences Component Code 030 [TCCN CHEM 1311])	3 CHEM 1342 (Life and Physical Sciences Component Code 030 [TCCN CHEM 1312])
US 1100	1 MATH 2471 (Mathematics Component Code 020 [TCCN MATH 2413])
ENG 1310 (Communication Component Code 010 [TCCN ENGL 1301])	3 Communication Component Code 010
POSI 2310 (Government/Political Science Component Code 070 [TCCN GOVT 2306])	3 American History Component Code 060
Elective	3
14	14

Sophomore	
First Semester Hours	Second Semester Hours
CHEM 2141 (TCCN CHEM 2123)	1 CHEM 2142 (TCCN CHEM 2125)
CHEM 2341 (TCCN CHEM 2323)	3 CHEM 2342 (TCCN CHEM 2325)
MATH 2472 (Component Area Option Code 090/092 [TCCN MATH 2414])	4 PHYS 2326 & PHYS 2126 (Component Area Option Code 090/093 [TCCN PHYS 2326 and 2126])
PHYS 2325 & PHYS 2125 (TCCN 2325 and 2125)	4 Elective
Social and Behavioral Sciences Component Code 080	3 Creative Arts Component Code 050 [HUMA 1315]
	Language, Philosophy, and Culture Component Code 040
15	17

Junior	
First Semester Hours	Second Semester Hours
CHEM 3330	3 CHEM 3340
CHEM 3410	4 CHEM 3245
Elective	3 Advanced Electives
American History Component Code 060	3 Minor Advanced Elective
Minor Advanced Elective	3 POSI 2320 (Government/Political Science Component Code 070 [TCCN GOVT 2305])
16	14

Senior	
First Semester Hours	Second Semester Hours
CHEM 3341	3 CHEM 4341
CHEM 4331	3 CHEM 4241
CHEM 4231	2 CHEM Advanced Elective ¹
CHEM 4375	3 Elective
Minor Advanced Elective	3 Elective
Elective	2
16	14

Total Hours: 120

¹ Certification of the degree as approved by the American Chemical Society requires 4 credit hours of a combination of CHEM 3190, CHEM 3290, or CHEM 4299.