

College of Science and Technology

B.S. Chemistry - Professional Chemistry



Degree Offered at Stephenville Location

Course rotation and availability may vary based on location

2020-2021 Texas Common Course Numbering System Advising Guide

| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
|-----------------------|--|---|--------------|---|-----------------------------|--------------|
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| F I R S T | BIOL 1406 | BIOL 1306/1106 or BIOL 1406 | 4 | MATH 2414 | MATH 2414 | 4 |
| | CHEM 1411 TSU Core: Life & Physical Science | CHEM 1311/1111 or CHEM 1411 | 4 | BIOL 1407 | BIOL 1307/1107 or BIOL 1407 | 4 |
| | ENGL 1301 TSU Core: CAO | ENGL 1301 | 3 | CHEM 1412 TSU Core: Life & Physical Science | CHEM 1312/1112 or CHEM 1412 | 4 |
| | MATH 2413 TSU Core: Mathematics ¹ | MATH 2413 | 4 | ENGL 1302 TSU Core: Communications | ENGL 1302 | 3 |
| | FYS 1100 TSU Core: CAO | PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300 | 1 | | | |
| | Total Hours | | 16 | Total Hours | | 15 |

| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
|----------------------------|---|------------------------------|--------------|--------------------------------------|------------------------------|--------------|
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| S E C O N D | HIST 1301 TSU Core: American History | None | 3 | HIST 1302 TSU Core: American History | None | 3 |
| | TSU Core: Language, Philosophy, & Culture | See list of approved courses | 3 | COMM 2302 TSU Core: Communications | See list of approved courses | 3 |
| | PHYS 2425 | See list of approved courses | 4 | PHYS 2426 | See list of approved courses | 4 |
| | CHEM 2323 & CHEM 2123 | CHEM 2323/1123 or CHEM 2423 | 4 | CHEM 2325 & CHEM 2125 | CHEM 2325/2125 or CHEM 2425 | 4 |
| | | | | | | |
| | Total Hours | | 14 | Total Hours | | 14 |

| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
|-----------------------|-----------------------|--------------------|--------------|---------------------------------------|------------------------------|--------------|
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| T H I R D | ENGL 3309* | None | 3 | TSU Core: Social & Behavioral Science | See list of approved courses | 3 |
| | CHEM 3407 (Fall Only) | None | 4 | CHEM 4327 (Spring Odd) | None | 3 |
| | CHEM 4374 (Fall Only) | None | 3 | CHEM 4408 (Spring Only) | None | 4 |
| | Advanced Elective | None | 3 | CHEM 4378 (Spring Only) | None | 3 |
| | CHEM 4160 | None | 1 | Advanced Chemistry Elective# | None | 3 |
| | | Total Hours | | 14 | Total Hours | |

| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
|----------------------------|--|------------------------------|--------------|--|--------------------|--------------|
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| F O U R T H | General Elective | None | 4 | CHEM 4328 (Spring Even) | None | 3 |
| | GOVT 2305 TSU Core: Government/Political Science | None | 3 | GOVT 2306 TSU Core: Government/Political Science | None | 3 |
| | TSU Core: Creative Arts | See list of approved courses | 3 | CHEM 4086 | None | 1 |
| | CHEM 3423* (Fall Only) | None | 4 | CHEM 3424 (Spring Only) | None | 4 |
| | Advanced Chemistry Elective# | None | 3 | Advanced Elective | None | 3 |
| | | Total Hours | | 17 | Total Hours | |

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

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Degree Specific

- This 8 semester evaluation is contingent on the successful completion of each class. Please note this evaluation is designed with **prerequisites in mind.**
- ¹Placement for Calculus I is by the CLMPE exam, or by college credit for MATH 1316 or MATH 2412. Contact Tarleton's Center for Academic Testing for test information and locations.

Degree Information

- Texas Common Course Numbering System (TCCNS) provides a shared, uniform set of course designations for students and their advisors to use in determining both course equivalency and degree applicability of transfer credit on a statewide basis.

This 120 hour four-year degree plan provides a model for on-time completion of this TSU program using as many TCCNS courses as possible. The four-year plan also shows the first point when no TCCNS options are available for this program. See the current Undergraduate Catalog for course prerequisites. Course availability at TSU is subject to change, and the plan may change based on updates to TSU's course offerings.

- **Individual academic programs may require specific courses contained in parts of the University Core Curriculum as prerequisites for certain major requirements.** Students who wish to take courses that will fulfill both core and major requirements simultaneously should check with academic advisors for assistance in selecting core courses.

- Students meet the Writing Proficiency Requirement by completing two upper-level Writing Intensive courses in their major or courses designed for their degree program. Contact the Academic Advisor for additional information or questions.

- Residence is satisfied only by official enrollment in and completion of course work applied toward the degree requirements.

A minimum of 30 semester hours of work must be completed through upper level courses (3000 or 4000 level) delivered by Tarleton and 12 of these advanced hours must be in the major.

- How does duplicating a course impact my GPA?
A student may take a course a second or subsequent time at the same institution. The highest grade will be included in the GPA calculation.
- Can I take a course at another school and transfer it back to TSU?
If you plan to take a course at another school and transfer it back to TSU, you need to meet with both an advisor and Transfer Services. An advisor can tell you the correct course number to take and assist with completion of a Concurrent Enrollment Form if needed.

