

College of Science and Technology

B.S. Chemistry - Teacher Cert., Physical Science 8-12

Degree Offered at Stephenville Location

Course rotation and availability may vary based on location

2019-2020 Texas Common Course Numbering System Advising Guide



| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
|-----------------|--|---|--------------|--|------------------------------|--------------|
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| FIRST SEMESTER | GEOL 1407 | GEOL 1305/GEOL 1105, GEOL 1405, OR GEOL 1407 | 4 | TSU Core: Social & Behavioral Science | See list of approved courses | 3 |
| | CHEM 1411 TSU Core: Life & Physical Science | CHEM 1311/1111 OR CHEM 1411 | 4 | MATH 2414 | MATH 2414 | 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: Communication | 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 | | 14 |
| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| SECOND SEMESTER | PHYS 2425 | PHYS 1301/1101 or PHYS 1401 | 4 | PHYS 2426 | PHYS 1302/1102 OR PHYS 1402 | 4 |
| | CHEM 2323 & CHEM 2123 | CHEM 2323/1123 OR CHEM 2423 | 4 | CHEM 2325 & CHEM 2125 | CHEM 2325/2125 OR CHEM 2425 | 4 |
| | TSU Core: Language, Philosophy, & Culture | See list of approved courses | 3 | PSYC 2308, PSYC 3303, or CHFS 3300 | None | 3 |
| | HIST 1301 TSU Core: American History | None | 3 | HIST 1302 TSU Core: American History | None | 3 |
| | GOVT 2305 TSU Core: Government/Political Science | None | 3 | GOVT 2306 TSU Core: Government/Political Science | None | 3 |
| | Total Hours | | 17 | Total Hours | | 17 |
| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| THIRD SEMESTER | EDUC 3320 ² | None | 3 | CHEM 4408 (Spring Only) | None | 4 |
| | CHEM 3407 (Fall Only) | None | 4 | MATH 3306 or MATH 3433 | None | 3 |
| | COMM 1311, 1315, or 2302 TSU Core: Communication | See list of approved courses | 3 | ENGL 3309* | None | 3 |
| | READ 3351 | None | 3 | EDUC 3330 | None | 3 |
| | BCIS or COSC Elective# | None | 3 | PHYS 3334 | None | 3 |
| | CHEM 4160 | None | 1 | | | |
| | Total Hours | | 17 | Total Hours | | 16 |
| YEAR | FIRST SEMESTER | | | SECOND SEMESTER | | |
| | TSU Requirement | TCCNS Option | Credit Hours | TSU Requirement | TCCNS Option | Credit Hours |
| FOURTH SEMESTER | CHEM 3423* (Fall Only) | None | 4 | EDUC 4335 | None | 3 |
| | EDUC 4330 | None | 3 | EDUC 4690 | None | 6 |
| | Advanced Chemistry Elective# | None | 3 | | | |
| | TSU Core: Creative Arts | See list of approved courses | 3 | | | |
| | Elective | None | 2 | | | |
| | Total Hours | | 15 | Total Hours | | 9 |

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

Degree Completion: 121 hours

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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.
- A **2.75 GPA** overall and in each of the notated areas is required for admission and must be maintained for program continuation and certification.
- Completion of at least 12 hours in Certification Area; 15 hours if Math or Science is required for admission to the Teacher Education Program.
- **SOPH ENGL** – both courses must be literature classes
- **No grade lower than a "C"** in Mathematics, Professional Education, Certification Area, Reading and the 9 hours of required English. A grade of **"B"** or better is required for COMM.
- ²**Students should complete their application to the Educator Preparation Program the semester which they are enrolled in EDUC 3320. All students must see the Department of Chemistry, Geoscience, and Physics before applying.**
- Degree and certification requirements are subject to change.

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 121 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.