

# College of Science and Technology

## B.S. Geoscience - Science 8-12 Teacher Certification



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 |
| F<br>I<br>R<br>S<br>T      | GEOL 1403   | GEOL 1303/1103 or<br>GEOL 1403                                | 4            | GEOL 1404   | GEOL 1404                       | 4            |
|                            | CHEM 1411 TSU Core: Life &<br>Physical Science      | CHEM 1311/1111 or<br>CHEM 1411                                | 4            | CHEM 1412 TSU Core: Life &<br>Physical Science      | CHEM 1312/1112 or<br>CHEM 1412  | 4            |
|                            | ENGL 1301 TSU Core: CAO                             | ENGL 1301   | 3            | ENGL 1302 TSU Core:<br>Communications               | ENGL 1302                       | 3            |
|                            | MATH 1314 TSU Core:<br>Mathematics <sup>1</sup>     | MATH 1314   | 3            | MATH 1316, 2412, or 2413 <sup>1</sup>               | MATH 1316, 2413, or<br>2413     | 3            |
|                            | GEOL 1100 TSU Core: CAO                             | PSYC or EDUC 1100,<br>PSYC or EDUC 1200,<br>PSYC or EDUC 1300 | 1            |   |                                 |              |
|                            | <b>Total Hours</b>                                  |   | <b>15</b>    | <b>Total Hours</b>                                  |                                 | <b>14</b>    |
| YEAR                       | FIRST SEMESTER                                      |   |              | SECOND SEMESTER                                     |                                 |              |
|                            | TSU Requirement                                     | TCCNS Option  | Credit Hours | TSU Requirement                                     | TCCNS Option                    | Credit Hours |
| S<br>E<br>C<br>O<br>N<br>D | PHYS 1401   | PHYS 1301/1101 or<br>PHYS 1401                                | 4            | PHYS 1402   | PHYS 1302/1102 or<br>PHYS 1402  | 4            |
|                            | BIOL 1406   | BIOL 1306/1106 or<br>BIOL 1406                                | 4            | BIOL 1407   | BIOL 1307/1107 or<br>BIOL 1407  | 4            |
|                            | GEOL 1407   | GEOL 1305/1105 or<br>GEOL 1405                                | 4            | PSYC 3303 or CHFS 3300                              | None                            | 3            |
|                            | ENGL 3309*  | None  | 3            | TSU Core: Communications                            | See list of approved<br>courses | 3            |
|                            |   |   |              | HIST 1302 TSU Core: American<br>History             | HIST 1302                       | 3            |
|                            | <b>Total Hours</b>                                  |   | <b>15</b>    | <b>Total Hours</b>                                  |                                 | <b>17</b>    |
| YEAR                       | FIRST SEMESTER                                      |   |              | SECOND SEMESTER                                     |                                 |              |
|                            | TSU Requirement                                     | TCCNS Option  | Credit Hours | TSU Requirement                                     | TCCNS Option                    | Credit Hours |
| T<br>H<br>I<br>R<br>D      | EDUC 3321 <sup>2</sup>                              | None  | 3            | EDUC 3330   | None                            | 3            |
|                            | EASC Advised Elective <sup>3</sup>                  | None  | 3            | EASC Advised Elective <sup>3</sup>                  | None                            | 3            |
|                            | BIOL 4401   | None  | 4            | TSU Core: Social & Behavioral<br>Science            | See list of approved<br>courses | 3            |
|                            | READ 3351   | None  | 3            | GOVT 2305 TSU Core:<br>Government/Political Science | GOVT 2305                       | 3            |
|                            | HIST 1301 TSU Core: American<br>History             | HIST 1301   | 3            | CHEM 2423   | CHEM 2323/1123 or<br>CHEM 2423  | 4            |
|                            | <b>Total Hours</b>                                  |   | <b>16</b>    | <b>Total Hours</b>                                  |                                 | <b>16</b>    |
| YEAR                       | FIRST SEMESTER                                      |   |              | SECOND SEMESTER                                     |                                 |              |
|                            | TSU Requirement                                     | TCCNS Option  | Credit Hours | TSU Requirement                                     | TCCNS Option                    | Credit Hours |
| F<br>O<br>U<br>R<br>T<br>H | EDUC 4331   | None  | 3            | EDUC 4335   | None                            | 3            |
|                            | BIOL 4370   | HIST 1301   | 3            | EDUC 4690   | None                            | 6            |
|                            | TSU Core: Creative Arts                             | See list of approved<br>courses                               | 3            | TSU Core: Language,<br>Philosophy, & Culture        | See list of approved<br>courses | 3            |
|                            | GOVT 2306 TSU Core:<br>Government/Political Science | GOVT 2306   | 3            | EASC 4313* ( <b>Spring Only</b> )                   | None                            | 3            |
|                            | Advanced EASC/GEOL Elective                         | None  | 2            |   |                                 |              |
|                            | <b>Total Hours</b>                                  |   | <b>14</b>    | <b>Total Hours</b>                                  |                                 | <b>15</b>    |

\*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

Degree Completion: 122 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 and course rotation in mind.**
- <sup>1</sup>The Geoscience Department recommends the following Math sequence: MATH 1314 or MATH 2412 as the Core Math Component; then MATH 1316 or MATH 2412; then MATH 2413. Please see an Advisor for further clarification.
- 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.
- **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.
- <sup>2</sup>**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.**
- <sup>3</sup>Electives vary by semester and year as follows - **Fall Odd:** EASC 3320, 3340  
**Spring Even:** EASC 3330, 3350
- *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 122 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 shown 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.
  - A minimum of 45 advanced credits (3000/4000 level course work) are required and needed to satisfy degree requirements.
- 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.