

# College of Science and Technology

## B.S. Environmental Engineering

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
FIRST SEMESTER	ENGR 1100 TSU Core: CAO	PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300	1	ENGL 1302 TSU Core: Communications	ENGL 1302	3
	ENGL 1301 TSU Core: CAO	ENGL 1301	3	MATH 2414	MATH 2414	4
	MATH 2413 TSU Core: Mathematics <sup>1</sup>	MATH 2413	4	PHYS 2425 TSU Core: Life & Physical Science	PHYS 2425	4
	HIST 1301 TSU Core: American History	HIST 1301	3	ENGR 1212	None	2
	ENGR 1211	None	2	HIST 1302 TSU Core: American History	HIST 1302	3
	CHEM 1409 <sup>2</sup>	CHEM 1409	4			
	<b>Total Hours</b>		<b>17</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
SECOND SEMESTER	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3	GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
	TSU Core: Creative Arts	See list of approved courses	3	MATH 3306	None	3
	MATH 3433	None	4	ENVE 2310 (Spring Only)	None	3
	ENGR 2322	None	3	ENGR 3311 (Spring Only)	None	3
	ENVE 2311 (Fall Only)	None	3	ENVE 3300 (Spring Only)	None	3
	ENVE 2251	None	2			
		<b>Total Hours</b>		<b>18</b>	<b>Total Hours</b>	

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
THIRD SEMESTER	ENVE 3340 (Fall Even Only)	None	3	TSU Core: Communications	See list of approved courses	3
	ENVE 4310 (Fall Even Only)	None	3	ENVE 3450 (Spring Only)	None	4
	CVEN 2235 (Fall Only)	None	2	ENVE 4302 (Spring Odd Only)	None	3
	CHEM 2323 and 2123	None	4	ENVE 4350 (Spring Odd Only)	None	3
	PHYS 2426 TSU Core: Life & Physical Science	PHYS 2426	4	GEOL 1403	GEOL 1403	4
	<b>Total Hours</b>		<b>16</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
FOURTH SEMESTER	ENVE 3301 (Fall Odd Only)	None	3	TSU Core: Social & Behavioral Science	See list of approved courses	3
	ENVE 3310* (Fall Odd Only)	None	3	ENVE 4320 (Spring Even Only)	None	3
	BIOL 4441 (Fall Only) <sup>3</sup>	None	4	ENVE 4325 (Spring Even Only)	None	3
	TSU Core: Language, Philosophy, & Culture	See list of approved courses	3	ENVE 3333 (Spring Even Only)	None	3
	ENGR 4259 (Fall Only)	None	2	ENGR 4360* (Spring Only)	None	3
	<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>

\*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

# College of Science and Technology

## *B.S. Environmental Engineering*

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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.**
- If a student has TSI deficiencies, there is no guarantee that the degree will be completed in 8 semesters.
- For all programs in the ENCS department, students must earn a grade of "C" or better in all required Engineering, Computer Science, Mathematics and Science coursework to graduate, as well as to proceed to follow-up courses. Please see the academic catalog for further information.
- <sup>1</sup>Placement for Calculus 1 is by the CLMPE placement exam, or by college credit for MATH 1316 or MATH 2412. Contact Tarleton's Center for Academic Testing for test information and locations.
- <sup>2</sup>Students completing CHEM 1409 and changing majors to curricula requiring CHEM 1411 and CHEM 1412 may substitute CHEM 1409 for CHEM 1411. Transfers in to engineering will articulate CHEM 1412 to CHEM 1409.
- <sup>3</sup>Environmental Engineering students meet the 2 semesters of BIOL prerequisites, for this course, by taking other required courses (CHEM 1408, ENVE 2310, and ENVE 3450) within the program requirements.
- **All Students must contact a Departmental Faculty Advisor for guidance on Engineering Computer Science content.**

#### **Degree Information**

- This 129 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 below may change based on updates to TSU's course offerings.
- 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.
- **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 counted toward the degree must be completed with Tarleton. The work completed at Tarleton and counted toward the degree must include at least 24 advanced hours (3000 or 4000 level) and 12 of these advanced hours must be in the major subject.
- 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.