

Mayfield College of Engineering

B.S. in Civil Engineering

Degree Offered at the Stephenville Location

Course rotation are availability may vary based on location

2023-2024 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	ENGR 1100 TSU Core: CAO	PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300	1	ENVE 2251	None	2
	ENGR 1211	ENGR 1201	2	MATH 2414	MATH 2414	4
	MATH 2413 TSU Core: Mathematics	MATH 2413	4	PHYS 2425 TSU Core: Life & Physical Science	PHYS 2325 and PHYS 2125; or PHYS 2425	4
	CHEM 1409	CHEM 1409	4	CVEN 2235	ENGR 1304	2
	ENGL 1301 TSU Core: CAO	ENGL 1301	3	ENGL 1302 TSU Core: Communication	ENGL 1302	3
	Total Hours		14	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	ENGR 2321	ENGR 2301	3	ENGR 3311	None	3
	CVEN 2200	None	2	CVEN 3323	ENGR 2332	3
	ENVE 2311	None	3	CVEN 3123	None	1
	MATH 3433	MATH 2415	4	ENVE 3300	None	3
	CVEN 2312	None	3	MATH 3306	MATH 2320	3
	HIST 1301 TSU Core: American History	HIST 1301	3	ENGR 2324	ENGR 2302	3
	Total Hours		18	Total Hours		16
YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
T H I R D	CVEN 4450* (Fall Odd)	None	4	CVEN 4360 (Spring Even)	None	3
	ENVE 3310* (Fall Odd)	None	3	CVEN 3430 (Spring Even)	None	4
	CVEN 4325 (Fall Odd)	None	3	PHYS 2426 TSU Core: Life & Physical Science	PHYS 2426; or PHYS 2326 and PHYS 2126	4
	CVEN 3301 (Fall Odd)	None	3	HIST 1302 TSU Core: American History	HIST 1302	3
	BIOL 1406 or GEOL 1403	BIOL 1406 or GEOL 1403	4	TSU Core: Social & Behavioral Science	See list of approved courses	3
	Total Hours		17	Total Hours		17
YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
F O U R T H	ENVE 4310* (Fall Even)	None	3	CVEN 3320 (Spring Odd)	None	3
	CVEN 4305 (Fall Even)	None	3	CVEN 4306 (Spring Odd)	None	3
	ENGR 4259 (Fall Only)	None	2	ENGR 4360* (Spring Only)	None	3
	TSU Core: Creative Arts	See list of approved courses	3	TSU Core: Communication	See list of approved courses	3
	GOVT 2305 TSU Core: Government/ Political Science	GOVT 2305	3	GOVT 2306 TSU Core: Government/ Political Science	GOVT 2306	3
	TSU Core: Language, Philosophy & Culture	See list of approved courses	3			
	Total Hours		17	Total Hours		15

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

Degree Completion: 129 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.**
- * indicates the class has a lab; [WI] – Writing Intensive; and indicates that if the class is not taken by the students during 5th semester, they have to take it during the 7th semester.
- Focus Areas [FA]: FA1 (Transportation), FA2 (Geotechnical), FA3 (Structural), FA4 (Water resources)
- General Education Requirements: These may be taken any semester unless otherwise noted; use these to fill in semesters. If gen ed is complete, consider adding a minor to maintain full time status by taking meaningful coursework. See catalog or DegreeWorks for details.
- Students must earn a grade of "C" or better in all required Engineering, Mathematics and Science coursework to graduate. Students must also take, or be registered to take, the Fundamentals of Engineering (FE) licensure exam to graduate.
- General Education Courses may be taken any semester, with the exception of ENGL 1301, 1302, and MATH (these three must be completed by the end of the first year), unless otherwise noted. If General Education is already completed, consider adding a minor to maintain full-time status. See catalog, DegreeWorks, or an advisor. Select one course from the following General Education catalogies to complete the requirements.
 - ENGL 1301; ENGL 1302; any core approved Life and Physical Science; any core approved Communications (Speech); any core approved Language, Philosophy, and Culture; any core approved Creative Arts; and any core approved Social and Behavioral Sciences

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.

- 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.