

College of Science and Technology

B.S. Chemistry – Teacher Certification, Physical Science 8-12



2017-2018 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+	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 2423	CHEM 2323/1123 OR CHEM 2423	4	CHEM 2425	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	HIST 1301	3	HIST 1302 TSU Core: American History	HIST 1302	3
	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3	GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
		Total Hours		17	Total Hours	
YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
THIRD SEMESTER	EDUC 3320+	None	3	CHEM 4408	None	4
	CHEM 3407	None	4	MATH 3306 OR MATH 3433	None	3
	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	
YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
FOURTH SEMESTER	CHEM 3423*	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			
	General Elective	None	2			
		Total Hours		15	Total Hours	

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

+See Back Page

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 and course rotation in mind.**
- Placement 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.
- **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.