

# College of Science and Technology

## B.S. Chemistry

### Pre-Pharmacy

#### 2018-2019 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	BIOL 1406	BIOL 1306/1106 OR BIOL 1406	4	MATH 2414	MATH 2414	4
	CHEM 1411 TSU Core: Life & Physical Science	CHEM 1311/1111 OR CHEM 1411	4	BIOL 1407	BIOL 1307/1107 OR BIOL 1407	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 <sup>+</sup>	MATH 2413	4	ENGL 1302 TSU Core: Communications	ENGL 1302	3
	FYS 1100 TSU Core: CAO	PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300	1			
	<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>15</b>

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
S E C O N D	HIST 1301 TSU Core: American History	HIST 1301	3	HIST 1302 TSU Core: American History	HIST 1302	3
	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	ECON 2301, PSYC 2301 <sup>+</sup> , OR PSYC 2314 <sup>+1</sup>	ECON 2301, PSYC 2301, or PSYC 2314	3
	PHYS 1401	PHYS 1301/1101 or PHYS 1401	4	PHYS 1402	PHYS 1302/1102 OR PHYS 1402	4
	<b>Total Hours</b>		<b>14</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
T H I R D	BIOL 3303 & BIOL 3103	None	4	TSU Core: Social & Behavioral Science	See list of approved courses	3
	CHEM 3407 (Fall Only)	None	4	CHEM 4408 (Spring Only)	None	4
	CHEM 4160	None	1	BIOL 3407	None	4
	CHEM 4345 (Fall Even)	None	3	TSU Core: Creative Arts	See list of approved courses	3
	ENGL 3309*	None	3	COMM 2302 TSU Core: Communications	See list of approved courses	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
F O U R T H	BIOL 3413 (Fall Only)	None	4	BIOL 4375 or BIOL 4378 (Spring Only)	None	3
	CHEM 3423* (Fall Only)	None	4	MATH 3450	None	4
	CHEM 4374 (Fall Only)	None	3	Advanced CHEM Elective	None	2
	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3	Advanced CHEM Elective	None	3
				GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
	<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

+See Back Page

Degree Completion: 120 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>+</sup>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.
- <sup>+</sup>Pre-pharmacy concentration requires PSYC 2301 General Psychology or PSYC 2314 Life Span Growth & Development. Check with specific Pharmacy Schools.

### 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 120 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.