

College of Science and Technology

B.S. Mathematics

Biomathematics

2016-2017 Texas Common Course Numbering System Transfer Guide



YEAR	FIRST SEMESTER			SECOND SEMESTER		
F I R S T	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
	ENGL 1301 TSU Core: CAO	ENGL 1301	3	ENGL 1302 TSU Core: Communications	ENGL 1302	3
	MATH 2413 TSU Core: Mathematics	MATH 2413	4	MATH 2332	None	3
	BIOL 1406 TSU Core: Life & Physical Science	BIOL 1406	4	BIOL 1407	BIOL 1407	4
	COSC 1310	COSC 1310	3	MATH 2414	MATH 2414	4
	MATH 1100 TSU Core: CAO	None	1			
	Total Hours		15	Total Hours		14

YEAR	FIRST SEMESTER			SECOND SEMESTER		
S E C O N D	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
	MATH 3311	None	3	MATH 3306	None	3
	MATH 3433	None	4	MATH 3320	None	3
	COSC 3344	None	3	PHYS 2425 TSU Core: Life and Physical Science	PHYS 2425; PHYS 2325/2125	4
	CHEM 1411	CHEM 1411; CHEM 1311/1111	4	BIOL 3303 & 3103	None	4
				TSU Core: Language, Philosophy, & Culture	See list of approved courses	3
	Total Hours		14	Total Hours		17

YEAR	FIRST SEMESTER			SECOND SEMESTER		
T H I R D	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
	MATH 3332	None	3	MATH 4311	None	3
	MATH 3360	None	3	MATH 4332*	None	3
	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3	GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
	BIOL 3407	None	4	BIOL 3353	None	3
	TSU Core: Creative Arts	See list of approved courses	3	Adv BIOL Elective	See list of approved courses	4
	Total Hours		16	Total Hours		16

YEAR	FIRST SEMESTER			SECOND SEMESTER		
F O U R T H	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
	MATH 4320	None	3	Advanced MATH Elective	See list of approved courses	3
	MATH 4309*	None	3	ENGL 3309*	None	3
	Adv BIOL Elective	See list of approved courses	4	TSU Core: Communication	See list of approved courses	3
	HIST 1301 TSU Core: American History	HIST 1301	3	HIST 1302 TSU Core: American History	HIST 1302	3
				TSU Core: Social & Behavioral Science	See list of approved courses	3
	Total Hours		13	Total Hours		15

* Designates Writing Intensive Courses

See University Catalog or Academic Advisor for Applicable Courses

Degree Completion: 120 hours

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Degree Specific

The Advanced BIOL Electives (2 courses) should be chosen from the following: BIOL 3413, BIOL 3485, BIOL 3495, BIOL 4401, BIOL 4445.

- The Advanced MATH Elective (1 course) should be chosen from the following: MATH 3301 (Spring Only), MATH 4306 (Spring Only- Even Years), MATH 4088 (As Needed), MATH 4390 (Spring Only- Odd Years).
- 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 location.

Degree Information

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 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.