

College of Science and Technology

B.S. Mathematics

Secondary Mathematics/Physics Certification

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
FIRST SEMESTER	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 (Spring Only)	None	3
	COMM 1311 TSU Core: Communication	SPCH 1311	3	TSU Core: Social & Behavioral Science	See list of approved courses	3
	COSC 1310	COSC 1310	3	MATH 2414	MATH 2414	4
	FYS 1100 TSU Core: CAO	PSYC or EDUC 1100, PSYC or EDUC 1200, PSYC or EDUC 1300	1	GOVT 2305 TSU Core: Government/Political Science	GOVT 2305	3
	Total Hours			14	Total Hours	

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
SECOND SEMESTER	MATH 3311 (Fall Only)	None	3	MATH 3306	None	3
	MATH 3433	None	4	MATH 3320 (Spring Only)	None	3
	PHYS 2425 TSU Core: Life and Physical Science	PHYS 2425; PHYS 2325/2125	4	PHYS 2426 TSU Core: Life & Physical Science	PHYS 2426; PHYS 2326/2126	4
	COSC 3344 (Fall Only)	None	3	PSYC 2308, PSYC 3303, or CHFS 3300	PSYC 2308	3
	TSU Core: Language, Philosophy, & Culture	See list of approved courses	3	ENGL 3309*	None	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	MATH 3332 (Fall Only)	None	3	MATH 4311 (Spring Only)	None	3
	Adv PHYS Elective	None	3	MATH 4332* (Spring Only)	None	3
	MATH 4302 (Fall Only)	None	3	GOVT 2306 TSU Core: Government/Political Science	GOVT 2306	3
	PHYS 3334	None	3	MATH 3301 (Spring Only)	None	3
	EDUC 3321 ⁺¹	None	3	EDSP 4361	None	3
	READ 3351	None	3	HIST 1301 TSU Core: American History	HIST 1301	3
Total Hours			18	Total Hours		18

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
FOURTH SEMESTER	TSU Core: Creative Arts	See list of approved courses	3	EDUC 4335	None	3
	MATH 4309* (Fall Only)	None	3	EDUC 4690	None	6
	MATH 4304 (Fall Only)	None	3			
	PHYS 4335	None	3			
	EDUC 4331	None	3			
	HIST 1302 TSU Core: American History	HIST 1302	3			
Total Hours			18	Total Hours		9

*Designates Writing Intensive Courses

#See University Catalog or Academic Advisor for Applicable Courses

+ See Back Page

Degree Completion: 126 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 1 (MATH 2413) 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.
- With department head approval, MATH 4086: Statistical Models may substitute for one of the advanced MATH electives.
- **Students should complete their application to the Educator Preparation Program the semester in which they are enrolled in EDUC 3320. All students must see Dr. Riggs, Math Education Advisor before applying.**
- *Degree and certification requirements are subject to change.*
- 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.
- **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.

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 126 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 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.