

# College of Science and Technology

## B.S. Physics

### Joint Bachelor of Science

### 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	COSC Elective	None	3	MATH 2414	MATH 2414	4
	PHYS 2425 TSU Core: Life & Physical Science	PHYS 2325/2125 OR PHYS 2425	4	TSU Core: Creative Arts	See list of approved courses	3
	ENGL 1301 TSU Core: CAO	ENGL 1301	3	PHYS 2426 TSU Core: Life & Physical Science	PHYS 2326/2126 OR PHYS 2426	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>15</b>	<b>Total Hours</b>	

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
SECOND SEMESTER	MATH 3306	None	3	Support Field Elective <sup>++1</sup>	See Advisor	3
	PHYS 3334	None	3	PHYS 4340* <b>(Spring Only)</b>	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
	MATH 3433	None	4	Support Field Elective <sup>++1</sup>	See Advisor	3
	<b>Total Hours</b>			<b>16</b>	<b>Total Hours</b>	

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
THIRD SEMESTER	Support Field Elective <sup>++1</sup>	See Advisor	3	TSU Core: Social & Behavioral Science	See list of approved courses	3
	PHYS 3331 <b>(Fall Only)</b>	None	3	Advanced Support Field Elective <sup>+</sup>	See Advisor	3
	PHYS 3332 <b>(Fall Only)</b>	None	3	Support Field Elective <sup>++1</sup>	See Advisor	3
	TSU Core: Communications	See list of approved courses	3	General Elective	None	3
	General Elective	None	3	PHYS 4330* <b>(Spring Only)</b>	None	3
	<b>Total Hours</b>			<b>15</b>	<b>Total Hours</b>	

YEAR	FIRST SEMESTER			SECOND SEMESTER		
	TSU Requirement	TCCNS Option	Credit Hours	TSU Requirement	TCCNS Option	Credit Hours
FOURTH SEMESTER	PHYS 4335 <b>(Fall Only)</b>	None	3	PHYS 4162* <b>(Spring Only)</b>	None	1
	General Elective	None	4	TSU Core: Language, Philosophy, & Culture	See list of approved courses	3
	PHYS 4161* <b>(Fall Only)</b>	None	1	Advanced Physics Elective	None	3
	Advanced Physics Elective	None	3	Advanced Support Field Elective <sup>++1</sup>	See Advisor	3
	PHYS 3333* <b>(Fall Only)</b>	None	3	General Elective	None	3
	<b>Total Hours</b>			<b>14</b>	<b>Total Hours</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 Center for Academic Testing for test information and locations.
- <sup>+1</sup>Possible support fields include biology, geoscience, hydrology, physics, business administration, and other fields approved by department heads involved for requirements.

### **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.