



This degree plan is designed for students who seek to transfer into bachelor degree programs in engineering or physics.

Recommended Course Sequence

General Education/Core Curriculum Courses	Credits	Suggested Semester
ENGL 1301* Composition I	3	Fall/Year 1
HIST 1301‡ United States History I OR HIST 2327 Mexican American History I	3	Fall/Year 1
MATH 2412* Pre-Calculus	4	Fall/Year 1
XXXX X3XX† Social and Behavioral Sciences Elective	3	Fall/Year 1
ENGL 1302 Composition II	3	Spring/Year 1
CHEM 1311* General Chemistry I	3	Spring/Year 1
CHEM 1111* General Chemistry I Lab	1	Spring/Year 1
HIST 1302‡ United States History II OR HIST 2328 Mexican American History II	3	Spring/Year 1
GOVT 2305 Federal Government	3	Summer/Year 1
XXXX X3XX† Component Area Option Elective	3	Summer/Year 1
CHEM 1312* General Chemistry II	3	Fall/Year 2
CHEM 1112* General Chemistry II Lab	1	Fall/Year 2
XXXX X3XX† Language, Philosophy and Culture Elective	3	Fall/Year 2
GOVT 2306 Texas Government	3	Spring/Year 2
XXXX X3XX† Creative Arts Elective	3	Spring/Year 2
Program Courses	Credits	Suggested Semester
MATH 2413* Calculus I	4	Spring/Year 1
MATH 2414* Calculus II	4	Fall/Year 2
PHYS 2325* University Physics I	3	Fall/Year 2
PHYS 2125* University Physics I Lab	1	Fall/Year 2
PHYS 2326* University Physics II	3	Spring/Year 2
PHYS 2126* University Physics I Lab	1	Spring/Year 2
CHEM 2289* Academic Cooperative (Research and Design)	2	Spring/Year 2
Total Credit Hours for Graduation	60	

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

1. Graduates of the AS Science Program will be able to describe the hierarchy of the organization of life.
2. Graduates of the AS Science Program will be able to describe the basic concepts of chemistry.
3. Graduates of the AS Science Program will be able to solve dot and cross product vector problems.
4. Graduates of the AS Science Program will be able to apply the principles and concepts of the classical mechanics.

*Grade of "C" or better is required for graduation.

†Students may take any course within this category of the TSC General Education Core Curriculum.

‡Courses must be taken in sequence: United States History I and United States History II or Mexican American History I and Mexican American History II.

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.