



Recommended Course Sequence

General Education/Core Curriculum Courses	Credits	Suggested Semester
ENGL 1301* Composition I	3	Fall/Year 1
HIST X3XX [‡] American History I	3	Fall/Year 1
MATH X3XX* Mathematics Elective	3	Fall/Year 1
XXXX X3XX [‡] Language, Philosophy & Culture Elective	3	Fall/Year 1
ENGL 1302 Composition II	3	Spring/Year 1
HIST X3XX [‡] American History II	3	Spring/Year 1
XXXX X3XX [‡] Life and Physical Sciences Elective	3	Spring/Year 1
XXXX X3XX [‡] Component Area Option Elective	3	Spring/Year 1
GOVT 2305 Federal Government	3	Fall/Year 2
XXXX X3XX [‡] Life and Physical Sciences Elective	3	Fall/Year 2
XXXX X3XX [‡] Creative Arts Elective	3	Fall/Year 2
GOVT 2306 Texas Government	3	Spring/Year 2
XXXX X3XX [‡] Social and Behavioral Sciences Elective	3	Spring/Year 2
XXXX X3XX [‡] Component Area Option Elective	3	Spring/Year 2
Program Courses	Credits	Suggested Semester
MATH 1314 College Algebra	3	<p>Students are required to take eighteen (18) hours of program courses.</p> <p>Students may choose from the following list:</p>
MATH 1342 Elementary Statistical Methods	3	
MATH 2412 Pre-Calculus	4	
MATH 2413 Calculus I	4	
MATH 2305 Discrete Mathematics	3	
MATH 2414 Calculus II	4	
MATH 2420 Differential Equations	4	
ARCH 1311 Introduction to Architecture	3	
ARCH 1301 Architectural History I	3	
COSC 1336 Programming Fundamentals I	3	
COSC 1436 Programming Fundamentals I	4	
COSC 1437 Programming Fundamentals II	3	
AGRI 1131 The Agricultural Industry	1	
ENGR 1201 Introduction to Engineering	2	
ENGR 1304 Engineering Graphics I	3	
BIOL 1306 Biology for Science Majors I	3	
BIOL 1307 Biology for Science Majors II	3	
BIOL 1322 Nutrition and Diet Therapy	3	
BIOL 2321 Microbiology for Science Majors	3	
BIOL 2289 Academic Cooperative	2	
CHEM 1305 Introductory Chemistry	3	
CHEM 1311 General Chemistry I	3	

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 will demonstrate an ability to apply critical thinking skills, to include creative thinking, innovation, inquiry, and the analysis, evaluation, and synthesis of information to solve problems.
2. Graduates will demonstrate an ability to effectively communicate information, by verbal, visual, or written means.
3. Graduates will demonstrate an ability to apply empirical and quantitative skills, to include applications of scientific and mathematical concepts, as appropriate, to solve problems.
4. Graduates will demonstrate an ability to consider different points of view and to work effectively with others to support a shared purpose or goal.
5. Graduates will demonstrate intercultural competency, civic knowledge, and the ability to engage effectively in regional, national, and global communities.
6. Graduates will demonstrate personal responsibility to connect choices, actions, and consequences to ethical decision-making.



CHEM 1312 General Chemistry II	3	
CHEM 2289 Academic Cooperative	2	
CHEM 2323 Organic Chemistry I	3	
PHYS 1305 Elementary Physics I	3	
PHYS 1315 Physical Science I	3	
PHYS 1317 Physical Science II	3	
PHYS 2289 Academic Cooperative	2	
Total Credit Hours for Graduation	60	

*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.