Science
Associate of Science

Texas Southmost College
Science, Technology, Engineering & Mathematics Division

Graduates from this program are introduced to a broad spectrum of science coursework that can be carried forward to science bachelor degrees as well as to health professions and teacher certification programs. Courses taken in this program may be credited toward bachelor degrees. Students should meet with an academic advisor to select the correct sequence of courses corresponding to the intended bachelor degree. Computer Science students should follow the Associate of Science in Computer Science. Engineering students should meet with an academic advisor for a valid course sequence for engineering programs.

GENERAL EDUCATION CORE COURSES REQUIRED FOR THE MAJOR

020 – Mathematics [+]

MATH 1314 College Algebra

030 – Life and Physical Sciences[+]

Choose one of the following course sequences:

BIOL 1306 Biology for Science Majors I	and	BIOL 1307 Biology for Science Majors II
CHEM 1311 General Chemistry I	and	CHEM 1312 General Chemistry II
PHYS 1301 College Physics I	and	PHYS 1302 College Physics II
PHYS 2325 University Physics I	and	PHYS 2326 University Physics II

A. General Education Core [+] - 42 Hours

B. Restricted Electives[+] - 18 Hours

1 - Mathematics Electives - 4 hours

MATH 2412 Pre-Calculus Mathematics or MATH 2413 Calculus I

2 - Science Electives - 14 hours[1] (9 hours must be lecture)

Choose three 4-hour science courses (3 hour lecture must be taken with the corresponding 1 hour lab) and two additional labs must be taken from corresponding lecture courses in the Core.

BIOL 1306 Biology for Science Majors I	BIOL 1106 Biology for Science Majors I Lab
BIOL 1307 Biology for Science Majors II	BIOL 1107 Biology for Science Majors II Lab
CHEM 1311General Chemistry I	CHEM 1111 General Chemistry I Lab
CHEM 1312 General Chemistry II	CHEM 1112 General Chemistry II Lab
PHYS 1301 College Physics I	PHYS 1101 College Physics I Lab
PHYS 1302 College Physics II	PHYS 1102 College Physics II Lab
PHYS 2325 University Physics I	PHYS 2125 University Physics I Lab
PHYS 2326 University Physics II	PHYS 2126 University Physics II Lab

Total Credit Hours for Graduation - 60

[+] Grade of "C" or better is required in all courses for graduation.
[1] The same courses cannot be applied to multiple section of the degree plan.

TSI Requirement (Texas Success Initiative - any other state-approved test) - Student must pass all three sections of state-approved test to graduate with this degree.