

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 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

Students seeking the Associate of Science in Science must fulfill the General Education Core requirements. The courses listed below satisfy both degree requirements and General Education Core requirements. For any additional information, please contact the Academic Advising Center.

020 – Mathematics (†)

[MATH 2413](#) Calculus I

030 – Natural Sciences (†)

Choose one of the following course sequences:

[BIOL 1306/1106](#) Biology for Science Majors I/Lab I and [BIOL 1307/1107](#) Biology for Science Majors II/Lab II

[CHEM 1311/1111](#) General Chemistry I/Lab I and [CHEM 1312/1112](#) General Chemistry II/Lab II

[ENVR 1301/1101](#) Environmental Science I/Lab I and [ENVR 1302/1102](#) Environmental Science II/Lab II

[PHYS 2325/2125](#) University Physics I/Lab I and [PHYS 2326/2126](#) University Physics II/Lab II

A – GENERAL EDUCATION CORE – 48 HOURS**B – RESTRICTED ELECTIVES –16HOURS (†)****1 –Mathematics Elective – 4 hours**

[MATH 2412](#) Pre-Calculus Mathematics or [MATH 2414](#) Calculus II

2 – Science Electives–12 hours*

Choose three 4-hour science courses(3 hour lecture must be taken with the corresponding 1 hour lab)

[BIOL 1306/1106](#) Biology for Science Majors I/Lab I

[ENVR 1301/1101](#) Environmental Science I/Lab I

[BIOL 1307/1107](#) Biology for Science MajorsII/Lab II

[ENVR 1302/1102](#) Environmental Science II/Lab II

[CHEM 1311/1111](#) General Chemistry I/Lab I

[PHYS 2325/2125](#) University Physics I/Lab I

[CHEM 1312/1112](#) General Chemistry II/LabII

[PHYS 2326/2126](#) University Physics II/Lab II

TOTAL CREDIT HOURS FOR GRADUATION - 64

« 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.

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

* The same courses cannot be applied to multiple sections of the degree plan.