

CHEMISTRY

Associate of Science

This is a recommended academic map for students who seek an Associate of Science degree with a concentration in Chemistry or plan to pursue a baccalaureate degree in Chemistry at a four-year institution of higher education in Texas. Students planning to transfer to a four-year institution should confirm transferability of courses to meet degree requirements from the institution to which they plan to attend.

College Readiness Courses (if needed)

Pre-requisite may be required for MATH 2413 Calculus I

Semester I

ENGL 1301 Composition I (Core 010)
MATH 2413 Calculus I (Core 020)
CHEM 1411 General Chemistry I (Core 030)
HIST 1301 United States History I (Core 060)
Creative Arts (Core 050)

Semester II

ENGL 1302 Composition II (Core 010)
MATH 2414 Calculus II (Core 090)
CHEM 1412 General Chemistry II (Core 030)
HIST 1302 United States History II (Core 060)
Social & Behavioral Science (Core 080)

Semester III

CHEM 2423 Organic Chemistry I*
PHYS 2425 University Physics I*
GOVT 2305 Federal Government (Core 070)
Transfer Elective*

Semester IV

CHEM 2425 Organic Chemistry II*
PHYS 2426 University Physics II*
GOVT 2306 Texas Government (Core 070)
Language, Philosophy, & Culture (Core 040)

*Transfer Electives

Students who plan to pursue a baccalaureate degree should seek advising from the institution to which they intend to transfer.

MATH 2415 Calculus III
CHEM 2423 Organic Chemistry I
CHEM 2425 Organic Chemistry II
PHYS 2425 University Physics I
PHYS 2426 University Physics II

Total Semester Hours – 60

*Courses are suggested electives that will contribute to AS degree requirements. Different electives may be chosen, but must be selected from the academic rather than the technical courses, as indicated in the course descriptions.