

BIOLOGY

Associate of Science

This is a recommended academic map for students who seek an Associate of Science degree with a concentration in Biology or plan to pursue a baccalaureate degree in Biology at a four-year institution of higher education in Texas. This academic map may also be used by students planning to pursue pre-professional study. 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)

Semester I

ENGL 1301 Composition I (Core 010)
MATH (Core 020)
BIOL 1406 General Biology I (Core 030)
CHEM 1411 General Chemistry I*
SPCH 1315 Public Speaking (Core 090) **or**
PSYC 1300/
EDUC 1300 Learning Framework (Core 090)
or
PHED 1164 Introduction to Physical Fitness
& Wellness (Core 090)

Semester II

ENGL 1302 Composition II (Core 010)
BIOL 1407 General Biology II (Core 030)
CHEM 1412 General Chemistry II*
HIST 1301 United States History I (Core 060)
Social & Behavioral Science (Core 080)

Semester III

Transfer Elective*
HIST 1302 United States History II (Core 060)
GOVT 2305 Federal Government (Core 070)
SPCH 1315 Public Speaking (Core 090) **or**
PSYC 1300/
EDUC 1300 Learning Framework (Core 090)
or
PHED 1164 Introduction to Physical Fitness
& Wellness (Core 090)
(not taken previously)

Transfer Elective*

Semester IV

Language, Philosophy, & Culture (Core 040)
GOVT 2306 Texas Government (Core 070)
Transfer Elective*
Creative Arts (Core 050)

*Transfer Electives

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

CHEM 1411 General Chemistry I
CHEM 1412 General Chemistry II
CHEM 2423 Organic Chemistry I
CHEM 2425 Organic Chemistry II
COSC 1301 Introduction to Computing
PHYS 1401 College Physics I
PHYS 1402 College 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.