

GEOLOGY

Associate of Science

This is a recommended academic map for students who seek an Associate of Science degree with a concentration in Geology or plan to pursue a baccalaureate degree in Geology 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 maybe required for MATH 2413 Calculus I

Semester I

ENGL 1301	Composition I (Core 010)
MATH 2413	Calculus I (Core 020)
HIST 1301	United States History I (Core 060)
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)
GEOL 1303	Physical Geology and
GEOL 1103	Physical Geology Laboratory (Core 030)

Semester II

ENGL 1302	Composition II (Core 010)
Transfer Elective*	
GEOL 1304	Historical Geology and
GEOL 1104	Historical Geology Laboratory (Core 030)
HIST 1302	United States History II (Core 060)
Social & Behavioral Science	(Core 080)

Semester III

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) (not previously taken)

Language, Philosophy, & Culture (Core 040)

GOVT 2305 Federal Government (Core 070)

Transfer Elective*

Semester IV

Creative Arts (Core 050)

CHEM 1412 General Chemistry II*

GOVT 2306 Texas Government (Core 070)

Transfer Elective*¹

*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
MATH 2413	Calculus I
MATH 2414	Calculus II
PHYS 1401	College Physics I
PHYS 1402	College Physics II
PHYS 2425	University Physics I
PHYS 2426	University Physics II
BIOL 1406	General Biology I
COSC 1301	Introduction to Computing

¹Select one course from any of the following:
AGRI, BIOL, CHEM, COSC, CRIJ, ENGR, GEOL,
MATH, PHED (3SCH), PHYS

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.