



AS Geology in to
Bachelor of Science in Geoscience
With an Earth Science Concentration^T
Guided Pathway



Effective for the 2021-2022 Catalog
First Year – Central Texas College

FIRST SEMESTER	SECOND SEMESTER
^C MATH 1414 College Algebra (020)	GEOL 1404 Historical Geology
GEOL 1403 Physical Geology	^C SPCH 1315, 1318, or 1321 (010)
^C ENGL 1301 Composition I (010)	^C HIST 1302 United States History II (060)
^C HIST 1301 United States History I (060)	CHEM 1411, PHYS 1401 or BIOL 1407 (TSU requires CHEM 1411 College Chemistry I)
KINE Physical Activity (KINE 1110 recommended)	[*] KINE Physical Activity (KINE 1111 recommended)
Total Semester Hours: 15	Total Semester Hours: 15

Second Year – Central Texas College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
GEOL 1405 or ENVR 1401 (TSU requires GEOL 1405/1407 Intro to Environmental Science)	^C CHEM 1411 or 1412, PHYS 1401 or 1402 or BIOL 1407 (030) (TSU requires BIOL 1407 Biology for Science Majors II)
^C CHEM 1411 or 1412, PHYS 1401 or 1402 or BIOL 1407 (030) (TSU requires CHEM 1412 College Chemistry II)	^C GOVT 2306 Texas Government (070)
^C GOVT 2305 Federal Government (070)	^C Language/Philosophy/Culture (040)
^C Creative Arts (050)	^C Social/Behavioral Science Selection (080)
	^C Component Area Option (090)
Total Semester Hours: 14	Total Semester Hours: 16

AS: Geology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be completed at CTC (if offered) or TSU	
^C ENGL 1302 Composition II	Select two of the following: MATH 1316 Plane Trigonometry <u>or</u> MATH 2413 Calculus I <u>or</u> MATH 2414 Calculus II
BIOL 1406 Biology for Science Majors I	EASC 2451 Intro to GIS
Total Semester Hours: 7	Total Semester Hours: 7-8

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 13	Total Semester Hours: 13

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
GEOL 3310 – Geomorphology (Fall Odd Years)	EASC 4313 – Environmental Techniques (Spring Only)
EASC 3320 – Astronomy (Fall Odd Years)	Advanced Elective
GEOL 3405 – Paleontology (Fall Even Only) <u>or</u> GEOL 3406 – Igneous and Metamorphic Petrol (Spring Odd Only) <u>or</u> GEOL 3412 – Structural Geology (Spring Odd Years) <u>or</u> GEOL 3413 – Stratigraphy and Sedimentology (Spring Odd Only) <u>or</u> GEOL 3314 – Geochemistry (Fall Even Years) <u>or</u> GEOL 3320 – Hydrogeology (Fall Even Years) <u>or</u> GEOL 4311 – Economic Geology (Fall Odd Years) <u>or</u> GEOL 4312 – Petroleum Subsurface Geology (Fall Odd Years)	Advanced Elective
	Advanced Elective
Total Semester Hours: 13	Total Semester Hours: 12

^TThis is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.
Part-time students may also follow this sequence. Developmental coursework may be required.
^{*} You may take a different course to meet this requirement. A specific list is available from your advisor.
^C This course counts for the Core Curriculum at any public college or university in Texas.
^(I) Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.
^{*} Degree availability varies by campus; consult www.tarleton.edu for more information.