

**Associate of Science in Geology to
Bachelor of Science in Geoscience
With a Geology Concentration ^T
Guided Pathway
Effective for the 2021-2022 Catalog
First Year – Tyler Junior College**

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 Composition I	^C ENGL 1302 Composition II*
^C MATH 1314 College Algebra*	MATH 1316 Plane Trigonometry
^C GEOL 1403 Physical Geology	^C GEOL 1404 Historical Geology
^C EDUC 1300 Learning Framework*	CHEM 1411 General Chemistry I
^C HIST 1301 US History I	
Total Semester Hours: 16	Total Semester Hours: 14

Second Year – Tyler Junior College

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

FIRST SEMESTER	SECOND SEMESTER
^C GOVT 2305 Federal Government	^C GOVT 2306 Texas Government
^C HIST 1302 US History II*	GEOL 1405 Environmental Science or PHYS 1402 or CHEM 1412 College Chemistry II (TSU requires CHEM 1412)
PHYS 1401 College Physics I	^C SPCH 1321 Business & Professional Communication*
^C ECON 2301 Principles of Macroeconomics*	^C xxxx x3xx Creative Arts Core
^C ENGL 2332 World Literature I*	xxxx x1xx Elective
Total Semester Hours: 16	Total Semester Hours: 14

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 TJC (if offered) or TSU

MATH 2412 Precalculus <u>or</u> MATH 2413 Calculus I <u>or</u> MATH 2414 Calculus II	MATH 2412 Precalculus <u>or</u> MATH 2413 Calculus I <u>or</u> MATH 2414 Calculus II
EASC 2451 Intro to Geographic Information Systems	BIOL 1407 Biology for Science Majors II <u>or</u> PHYS 1402 College Physics II <u>or</u> PHYS 2426 University Physics II
Total Semester Hours: 8	Total Semester Hours: 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
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 12

This 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.

¹Science options for the TJC core include: BIOL 1406, 1407, 1408, 1409, 1411, 2401, 2402, 2404, 2406; CHEM 1405, 1406, 1411, 1412; GEOL 1401, 1403, 1404; PHYS 1401, 1403, 1404, 1405, 2425, 2426.

²Language, Philosophy & Culture options: DANC 1305; ENGL 2322, 2323, 2327, 2328, 2332, 2333; HIST 2311, 2312; HUMA 1301; PHIL 1301, 1304, 2306.

³Social & Behavioral Sciences options: COMM 1307; ECON 2301; GEOG 1303; PSYC 2301, 2314; SOCI 1301.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University

^T Degree availability varies by campus; consult www.tarleton.edu for more information.