

**Associate of Science in Geology to  
Bachelor of Science in Geoscience  
With a Hydrogeology Concentration <sup>T</sup>  
Guided Pathway  
Effective for the 2021-2022 Catalog**

**First Year – Tyler Junior College**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> ENGL 1302 Composition II*
<sup>C</sup> MATH 1314 College Algebra* (TSU requires MATH 2412 Precalculus Math)	MATH 1316 Plane Trigonometry
<sup>C</sup> GEOL 1403 Physical Geology	<sup>C</sup> GEOL 1404 Historical Geology
<sup>C</sup> EDUC 1300 Learning Framework*	CHEM 1411 General Chemistry I
<sup>C</sup> 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
<sup>C</sup> GOVT 2305 Federal Government	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> HIST 1302 US History II*	GEOL 1405 Environmental Science or PHYS 1402 or CHEM 1412 (TSU requires PHYS 1402 College Physics II)
PHYS 1401 College Physics I	<sup>C</sup> SPCH 1321 Business & Professional Communication*
<sup>C</sup> ECON 2301 Principles of Macroeconomics*	<sup>C</sup> xxxx x3xx Creative Arts Core
<sup>C</sup> 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 2413 Calculus I	MATH 2414 Calculus II
EASC 2451 Intro to Geographic Information Systems	GEOL 1405 (1407) Environmental Science
CHEM 1412 College Chemistry II	CHEM 2323 & 2123 Organic Chemistry I and Organic Chemistry Lab
Total Semester Hours: 12	Total Semester Hours: 12

**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: 12	Total Semester Hours: 12

**Fourth Year – Tarleton State University**

FIRST SEMESTER	SECOND SEMESTER
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	Tarleton Course
Tarleton Course	
Total Semester Hours: 12	Total Semester Hours: 9

Total Degree Hours: 129

**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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>1</sup>Science 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.

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

<sup>3</sup>Social & 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.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.