



Associate of Science in Geology to
Bachelor of Science in Geoscience
Geology Concentration †
Guided Pathway
Effective for the 2019-2020 Catalog



First Year – Paris Junior College

FIRST SEMESTER	SECOND SEMESTER
EDUC/PSYC 1300 – Learning Framework	ARTS 1301 – Art Appreciation (050)
ENGL 1301 – Composition I (010)	COSC 1301 – Introduction to Computing
GEOL 1403 – Physical Geology (030)	ENGL 1302 – Composition II (010)
HIST 1301 – United States History I (060)	GEOL 1404 – Historical Geology (030)
MATH 1314 – College Algebra (020)	HIST 1302 – United States History II (060)

Total Semester Hours: 16

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Second Year – Paris Junior College

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

FIRST SEMESTER	SECOND SEMESTER
BIOL 1407 – Biology for Science Majors II	CHEM 1412 – General Chemistry II
CHEM 1411 – General Chemistry I	GOVT 2306 – Texas Government (070)
GOVT 2305 – Federal Government (070)	HIST 2321 – World Civilizations I (040)
SOCI 1301 – Introductory Sociology (030)	PHYS 1401 – College Physics I

Total Semester Hours: 14

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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 taken at Paris Junior College or TSU

MATH 2412 Pre-Calculus <u>OR</u> MATH 2413 Calculus I <u>OR</u> MATH 2414 Calculus II	MATH 2412 Pre-Calculus <u>OR</u> MATH 2413 Calculus I <u>OR</u> MATH 2414 Calculus II *Communication Core Elective
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Total Semester Hours: 11

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
GEOL 4305 – Field Geology (Fall Even Years)	GEOL 3412 – Structural Geography (Spring Odd Years)
GEOL 3310 – Geomorphology (Fall Odd Years) <u>OR</u>	GEOL 3310 – Geomorphology (Fall Odd Years) <u>OR</u>
GEOL 3314 – Geochemistry (Fall Even Years) <u>OR</u>	GEOL 3314 – Geochemistry (Fall Even Years) <u>OR</u>
GEOL 3320 – Hydrogeology (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 4311 – Economic Geology (Fall Odd Years) <u>OR</u>
GEOL 4312 – Petroleum Subsurface Geology (Fall Odd Years)	GEOL 4312 – Petroleum Subsurface Geology (Fall Odd Years)
EASC 2451 – Intro to GIS	Advanced Elective
GEOL 3405 – Paleontology (Fall Even Years)	Advanced Elective

Total Semester Hours: 14

Total Semester Hours: 13

Fourth Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
Advanced Elective	EASC 4313 – Environmental Techniques (Spring Only)
GEOL 3400 – Crystallography and Mineralogy	Advanced Elective
GEOL 3310 – Geomorphology (Fall Odd Years) <u>OR</u>	GEOL 3406 – Igneous and Metamorphic Petrol (Spring Odd Years)
GEOL 3314 – Geochemistry (Fall Even Years) <u>OR</u>	GEOL 3413 – Stratigraphy and Sedimentology (Spring Odd Years)
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)	

Total Semester Hours: 10

Total Semester Hours: 14

TOTAL: 122

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.

() 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.