



AA/AS General Studies – Geology Emphasis to  
Bachelor of Science in Geoscience  
With an Earth Science Concentration †  
**Guided Pathway**  
Effective for the 2021-2022 Catalog  
**First Year – Collin College**



FIRST SEMESTER	SECOND SEMESTER
Ⓒ ENGL 1301 – Composition I	Ⓒ ENGL 1302 – Composition II <u>or</u> ENG 2311
Ⓒ Mathematics (see list below) (TSU requires MATH 1314 College Algebra <u>or</u> MATH 2412 Precalculus Math)	*Elective (see list below) (TSU requires MATH 1316 Plane Trigonometry <u>or</u> MATH 2413 Calculus I <u>or</u> MATH 2414 Calculus II)
Ⓒ Speech (see list below)	Ⓒ Lang, Phil, & Culture (see list below)
Ⓒ History (see list below)	Ⓒ History (see list below)
*Elective (see list below) (TSU requires GEOL 1403 Physical Geology)	*Elective (see list below) (TSU requires GEOL 1404 Historical Geology)
Total Semester Hours: 16-17	Total Semester Hours: 16-17

**Second Year – Collin College**

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

FIRST SEMESTER	SECOND SEMESTER
Ⓒ GOVT 2305 – Federal Government	Ⓒ GOVT 2306 – Texas Government
*Elective (see list below) (TSU requires CHEM 1411 College Chemistry I)	Ⓒ Creative Arts (see list below)
Ⓒ Social/Behavioral Science (see list below)	*Elective (see list below) (TSU requires MATH 2413 Calculus I <u>or</u> MATH 2414 Calculus II)
*Elective (see list below) (TSU requires CHEM 1412 College Chemistry II)	*Elective (see list below)
Total Semester Hours: 14	Total Semester Hours: 13

**AA/AS: General Studies – Geology Emphasis**

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 CC (if offered) or TSU	
BIOL 1406 – General Biology (BIOL 1306+1106)	BIOL 1407 – General Biology II (BIOL 1307+1107)
*CAny Core Course Elective (1 credit min)	GEOL 1407 – Intro to Environmental Science
EASC 2451 Intro to GIS	
Total Semester Hours: 9	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: 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	Tarleton Course
Total Semester Hours: 12	Total Semester Hours: 10

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.

Ⓒ 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](http://www.tarleton.edu) for more information.

Collin Options:  
Mathematics – MATH 1314, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415. AA/AAAT degrees may also choose from: MATH 1324, 1325, 1332, 1350, 1351

Language, Philosophy, & Culture – ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2341, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321

Creative Arts – ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

American History – HIST 1301, 1302, 2301

Social/Behavioral Sciences – ANTH 2302, 2346, 2351, ECON 1301, 2301, 2302, PSYC 2301, SOCI 1301, 1306

Speech – SPCH 1311, 1315, 1321

\*Electives –

GEOL 1305 – Environmental Science - Natural Disasters

GEOL 1403 – Physical Geology

GEOL 1404 – Historical Geology

GEOL 1445 – Oceanography

GEOL 1447 – Introduction to Meteorology

BIOL 2406 – Environmental Biology

CHEM 1411 – General Chemistry I

CHEM 1412 – General Chemistry II

ENGL 2311 – Technical and Business Writing

ENVR 1401 – Environmental Science I

ENVR 1402 – Environmental Science II

MATH 1342 – Elementary Statistical Methods

MATH 2413 – Calculus I

MATH 2414 – Calculus II

PHYS 2425 – University Physics I

PHYS 2426 – University Physics II