



AS General Studies - Geology Emphasis to Bachelor of Science in Geology With an Environmental Science Concentration^T Guided Pathway



Effective beginning with the 2021-2022 catalog
First Year - Collin College

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| ^C ENGL 1301 – Composition I | ^C ENGL 1302 – Composition II or ENG 2311 |
| ^C Mathematics | * Elective (TSU requires CHEM 1411 General Chemistry I) |
| ^C Speech (see list below) | ^C Lang, Phil, & Culture (see list below) |
| ^C History (see list below) | ^C History (see list below) |
| * Elective (TSU requires GEOL 1403 Physical Geology) | * Elective (TSU requires MATH 1316 Plane Trigonometry or MATH 2412 Pre-Calculus) |
| Total Semester Hours: 16 | Total Semester Hours: 16-17 |

Second Year - Collin College

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| ^C GOVT 2305 – Federal Government | ^C GOVT 2306 – Texas Government |
| * Elective (TSU requires CHEM 1412 General Chemistry II) | ^C Creative Arts (see list below) |
| ^C Social/Behavioral Science (see list below) | * Elective (TSU requires EASC 2451 Intro to Geographic Information Systems) |
| * Elective (TSU requires MATH 2413 Calculus I or Math 2414 Calculus II) | * Elective (TSU requires ENVR 1401 (GEOL 1407) Environmental Science I) |
| Total Semester Hours: 14 | Total Semester Hours: 14 |

AS: General Studies – Geology Emphasis

Contact your advisor at Collin College for information about applying for your associate degree.

^C Core Curriculum transferrable to any public college or university in Texas.

These courses may be completed at CC (if offered) or TSU

| | |
|---|---|
| BIOL 1406 Biology for Science Majors I | BIOL 1407 Biology for Science Majors II |
| CHEM 2323+2123 (2423) Organic Chemistry I | ^C Core Credit (1 credit min) |
| Total Semester Hours: 8 | Total Semester Hours: 5 |

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: 11 |

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.

(I) 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.

Collin Options:

Mathematics – MATH 1314, 1316, 1342, 2305, 2318, 2320, 2412, 2413, 2414, 2415. AA/AAT 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