



AS General Studies - Geology Emphasis to Bachelor of Science in Geology With a Science 8-12 Teacher Certification † 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 (TSU requires) or ENG 2311
^c Mathematics (TSU requires MATH 1314 College Algebra)	* 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, MATH 2412 Pre-Calculus or MATH 2413 Calculus I)
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 PHYS 1402 College Physics II)
* Elective (TSU requires PHYS 1401 College Physics I)	* Elective (TSU requires GEOL 1404 Historical Geology)
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
ENVR 1401 (GEOL 1407) Environmental Science I	CHEM 2323+2123 (2423) Organic Chemistry I
Any core course (1 credit min)	
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	
Total Semester Hours: 12	Total Semester Hours: 9

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.

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