



AS General Studies - Chemistry Emphasis to

Bachelor of Science in Chemistry
With Chemistry Teacher Certification 8-12[†]



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 MATH 2413 – Calculus I	^c Lang, Phil, & Culture (see list below) (TSU requires ENGL Sophomore Literature)
^c Speech (see list below)	^c MATH 2414 – Calculus II
^c History (see list below)	^c History (see list below)
^c CHEM 1411 – General Chemistry I	^c CHEM 1412 – General Chemistry II
17 credit hours	17 credit hours

Second Year - Collin College

FIRST SEMESTER	SECOND SEMESTER
^c GOVT 2305 – Federal Government	^c GOVT 2306 – Texas Government
^c Social/Behavioral Sciences (see list below)	^c Creative Arts (see list below)
^c CHEM 2423 – Organic Chemistry I	^c CHEM 2425 – Organic Chemistry II
^c MATH 2415 – Calculus III	^c MATH 2320 – Differential Equations
14 credit hours	13 credit hours

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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 Collin College (if offered) or TSU

GEOL 1407 – Environmental Science (GEOL 1405)	PSYC 2308 – Child Psychology
PHYS 1401 – College Physics I (PHYS 1301+1101)	PHYS 1402 – College Physics II (PHYS 1302+1102)
BCIS or COSC Elective	
Total Semester Hours: 11	Total Semester Hours: 7

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: 9

[†] Degree availability varies by campus; consult www.tarleton.edu for more information.

Collin Options:

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