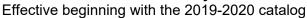


AS General Studies-Chemistry Emphasis to

Bachelor of Science in Chemistry Professional Chemistry Concentration T







First Year - Collin College

(Developmental coursework may be required.)

FIRST SEMESTER	SECOND SEMESTER
^C ENGL 1301 Composition I	^c ENGL 1302 Composition II (or ENG 2311)
^C MATH 2413 Calculus I	CHEM 1412 General Chemistry II
^C SPCH 1321 – Business & Professional Speaking	C Lang, Phil, & Culture (see list below) - 3 hours
C History (see list below) – 3 hours	C History (see list below) – 3 hours
^C CHEM1411 General Chemistry I	MATH 2414 Calculus II (090)

Total Semester Hours: 17

Total Semester Hours: 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
^c GOVT 2305 Federal Government	^c GOVT 2306 Texas Government
CHEM 2423 Organic Chemistry I	^c Creative Arts (see list below) – 3 hours
^c Social/Behavioral Science (see list below) -3 hours	CHEM 2425 Organic Chemistry II
MATH 2425 Calculus III	MATH 2320 Differential Equations

Total Semester Hours: 14

Total Semester Hours: 13

AS in General Studies – Chemistry Emphasis

Contact your advisor at Collin College for information about applying for your Associate's degree.

These courses may be completed at CC or TSU		
BIOL 1406 – General Biology (BIOL 1306+1106)	BIOL 1407 – General Biology II (BIOL 1307+1107)	
PHYS 2425 – University Physics I (PHYS 2325+2125)	PHYS 2426 – University Physics II (PHYS 2326+2126)	
*CFirst Year Seminar Elective (Learning Frameworks)	General Elective	

Total Semester Hours: 22

Third Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
CHEM 3407 – Quantitative Analysis (Fall only)	CHEM 4328 – Inorganic Chemistry (Spring Only)
CHEM 4374 – Biochemistry I (Fall only)	CHEM 4408 – Instrumental Analysis (Spring only)
CHEM 4160 – Lab Safety & Ethics	CHEM 4378 – Biochemistry Lab (Spring Only)
ENGL 3309 –Technical Writing and Document Design	CHEM 3424 – Physical Chemistry II (Spring Only)
Advanced Elective	

Total Semester Hours: 14 Total Semester Hours: 14

Fourth Year - Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
CHEM 3423 – Physical Chemistry I (Fall only)	CHEM 4327 – Qualitative Organic Analysis (Spring Even)
Advanced CHEM Elective	CHEM 4086 – Chemistry Problems Research
Advanced CHEM Elective	Advanced Elective

Total Semester Hours: 10

Total Semester Hours: 9 Total Degree Hours: 130

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.

This course counts for the Core Curriculum at any public college or university in Texas.

Ocurse 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:

Speech - choose one from: SPCH 1311, 1315, or 1321

History - choose two from: HIST 1301, 1302, 2301

Language, Philosophy, & Culture - choose one from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, HIST 2311, 2312, 2321, 2322, HUMA 1301, PHIL 1301, 1304, 2303, 2306, 2307, 2321 Creative Arts - choose one from: ARTS 1301, 1303, 1304, 1313, DANC 2303, DRAM 1310, 2361, 2362, 2366, MUSI 1306, 1307, 1310

Social and Behavioral Sciences - choose one from: ANTH 2302, 2346, 2351, ECON 2301, 2302, PSYC 2301, SOCI 1301, 1306