



**AS General Studies-Chemistry Emphasis to
Bachelor of Science in Chemistry
Forensic Concentration †
Guided Pathway**
Effective beginning with the 2019-2020 catalog



First Year - Collin College

(Developmental coursework may be required.)

| FIRST SEMESTER | SECOND SEMESTER |
|--------------------------------------|--|
| Ⓒ ENGL 1301 Composition I | Ⓒ ENGL 1302 Composition II (or ENG 2311) |
| Ⓒ MATH 2413 Calculus I | Ⓒ CHEM 1412 General Chemistry II |
| Ⓒ Speech (see list below) – 3 hours | Ⓒ Lang, Phil, & Culture (see list below) - 3 hours |
| Ⓒ History (see list below) – 3 hours | Ⓒ History (see list below) – 3 hours |
| Ⓒ CHEM 1411 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 |
|---|--|
| Ⓒ GOVT 2305 Federal Government | Ⓒ GOVT 2306 Texas Government |
| CHEM 2423 Organic Chemistry I | Ⓒ Creative Arts (see list below) – 3 hours |
| Ⓒ 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) | CRIJ 1306 – Court Systems |
| PHYS 1401 – College Physics I (PHYS 1301+1101) | PHYS 1402 – College Physics II (PHYS 1302+1102) |
| Ⓒ First Year Seminar Elective (Learning Frameworks) | CRIJ 1301 – Introduction to Criminal Justice |

Total Semester Hours: 21

Third Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|---|---|
| BIOL 3407 – Microbiology | CHEM 4408 – Instrumental Analysis (Spring only) |
| CHEM 3407 – Quantitative Analysis (Fall only) | ENGL 3309 – Technical Writing and Document Design |
| MATH 3450 – Principles of Biostatistics | CRIJ 3315 – Criminal Evidence |
| CHEM 4160 – Lab Safety & Ethics | Advanced CHEM Elective |

Total Semester Hours: 13

Total Semester Hours: 13

Fourth Year – Tarleton State University

| FIRST SEMESTER | SECOND SEMESTER |
|--|--|
| CHEM 3423 – Physical Chemistry I (Fall only) | CHEM 4378 – Biochemistry Lab (Spring only) |
| CHEM 4374 – Biochemistry I (Fall only) | CHEM 4327 – Qualitative Organic Analysis (Spring Even) |
| Advanced CHEM Elective | CRIJ 4316 – Methods of Criminal Justice Research |
| CRIJ 3305 – Criminology | |

Total Semester Hours: 13

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.

() 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.

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