



AS in Chemistry to
Bachelor of Science in Chemistry
With Teacher Certification Physical Science 8-12 Concentration^T

Guided Pathway
Effective for the 2021-2022 Catalog
First Year – Central Texas College

| FIRST SEMESTER | SECOND SEMESTER | THIRD SEMESTER |
|--|--|---|
| ^C MATH 1414 College Algebra (020) (TSU requires MATH 2413 Calculus I) | CHEM 1411 General Chemistry I | [*] CHEM 1412 General Chemistry II (030) |
| ^C ENGL 1301 Composition I (010) | ^C HIST 1302 United States History II (060) | |
| ^C HIST 1301 United States History I (060) | ^C Component Area Option (090) | |
| ^C BIOL 1406 Biology for Science Majors I (030) | ^C Social/Behavioral Science Selection (080) | |
| KINE Physical Activity | KINE Physical Activity | |
| Total Semester Hours: 15 | Total Semester Hours: 14 | Total Semester Hours: 4 |

Second Year – Central Texas College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

| FIRST SEMESTER | SECOND SEMESTER |
|--|---|
| CHEM 2423 Organic Chemistry I | CHEM 2425 Organic Chemistry II |
| ^C PHYS 1401 College Physics I (090) (TSU requires PHYS 2425 University Physics I) | ^C GOVT 2306 Texas Government (070) |
| ^C GOVT 2305 Federal Government (070) | ^C SPCH 1315, 1318 or 1321 (010) |
| ^C Language/Philosophy/Culture Studies (040) (TSU requires Sophomore English Literature) | ^C Creative Arts Selection (050) |
| Total Semester Hours: 14 | Total Semester Hours: 13 |

AS: Chemistry

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

| These courses may be completed at CTC (if offered) or TSU | |
|---|--|
| PHYS 2426 University Physics II | GEOL 1407 Intro to Environmental Science |
| ^C ENGL 1302 Composition II (010) | PSYC 2308 Child Psychology |
| MATH 2414 Calculus I | MATH 2320 Differential Equations OR MATH 2415 Calculus III |
| BCIS/COSC Elective | |
| Total Semester Hours: 14 | Total Semester Hours: 10 |

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: 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.

^{*} 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.