



AS in Chemistry to  
Bachelor of Science in Chemistry  
With a PreHealth Concentration<sup>T</sup>



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

FIRST SEMESTER	SECOND SEMESTER	THIRD SEMESTER
<sup>C</sup> MATH 1414 College Algebra (020) (TSU requires MATH 2413 Calculus I)	CHEM 1411 General Chemistry I	<sup>*</sup> CHEM 1412 General Chemistry II (030)
<sup>C</sup> ENGL 1301 Composition I (010)	<sup>C</sup> HIST 1302 United States History II (060)	
<sup>C</sup> HIST 1301 United States History I (060)	<sup>C</sup> Component Area Option (090)	
<sup>C</sup> BIOL 1406 Biology for Science Majors I (030)	<sup>C</sup> Social/Behavioral Science Selection (080) (TSU requires ECON 2301 – Principles of Macroeconomics)	
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
<sup>C</sup> PHYS 1401 College Physics I (090)	<sup>C</sup> GOVT 2306 Texas Government (070)
<sup>C</sup> GOVT 2305 Federal Government (070)	<sup>C</sup> SPCH 1315, 1318 or 1321 (010) (TSU requires SPCH 1321)
<sup>C</sup> Language/Philosophy/Culture Studies (040)	<sup>C</sup> 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 1402 College Physics II	BIOL 1407 – Biology for Science Majors II
<sup>C</sup> ENGL 1302 Composition II (010)	PSYC 2301 – General Psychology OR PSYC 2314 – Life Span Growth & Development
MATH 2414 Calculus I	
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

Total Degree Hours: 122

**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.

<sup>\*</sup> You may take a different course to meet this requirement. A specific list is available from your advisor.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

<sup>()</sup> Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

<sup>T</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.