



Associate of Science in Science to
Bachelor of Science in Chemistry
 With a Teacher Certification, Physical Science 8-12 Concentration ^T
Guided Pathway
 Effective for the 2021-2022 Catalog
First Year – Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
^C xxxx x4xx Life and Physical Sciences Core ¹ (TSU requires CHEM 1411 General Chemistry I)	^C xxxx x4xx Life and Physical Sciences Core ¹ (TSU requires CHEM 1412 General Chemistry II)
^C ENGL 1301 Composition I	^C ENGL 1302 Composition II*
^C HIST 1301 United States History I	^C HIST 1302 United States History II*
^C EDUC 1300 Learning Framework*	MATH 2412 Precalculus* (TSU requires MATH 2414 Calculus II)
^C MATH 1314 College Algebra* (TSU requires MATH 2413 Calculus I)	^C xxxx x3xx Social and Behavioral Sciences Core

Total Semester Hours: 16

Total Semester Hours: 17

Second Year – Tyler Junior College

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

FIRST SEMESTER	SECOND SEMESTER
xxxx x4xx Sciences Elective ¹ (TSU requires CHEM 2423 Organic Chemistry I & Laboratory)	xxxx x4xx Sciences Elective ¹ (TSU requires CHEM 2425 Organic Chemistry II & Laboratory)
^C GOVT 2305 Federal Government	^C GOVT 2306 Texas Government
^C SPCH 1315 Public Speaking*	^C xxxx x3xx Language, Philosophy & Culture Core (TSU requires Sophomore ENGL literature)
xxxx x3xx Elective (TSU requires BCIS or COSC elective)	xxxx x4xx Elective (TSU requires PHYS 2425 University Physics I)
^C xxxx x3xx Creative Arts Core	

Total Semester Hours: 16

Total Semester Hours: 14

AS: Science

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 TJC (if offered) or TSU	
GEOL 1407 (GEOL 1405) Introduction to Environmental Science	PHYS 2426 University Physics II
PSYC 2308 Child Psychology	MATH 2320 Differential Equations <u>or</u> MATH 2415 Calculus III
Total Semester Hours: 7	Total Semester Hours: 7-8

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
Total Semester Hours: 10	Total Semester Hours: 9

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.

¹Science options include: BIOL 1406, 1407, 2401, 2402, 2420; CHEM 1411, 1412; 2423, 2425; GEOL 1403, 1404; PHYS 1401, 1402, 1405, 2425, 2426.

²Language, Philosophy & Culture options: DANC 1305; ENGL 2322, 2323, 2327, 2328, 2332, 2333; HIST 2311, 2312; HUMA 1301; PHIL 1301, 1304, 2306.

³Social & Behavioral Sciences options: COMM 1307; ECON 2301; GEOG 1303; PSYC 2301, 2314; SOCI 1301.

() 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.