

**Associate of Science in Science to  
Bachelor of Science in Biomedical Science  
With a Pre-Pharmacy Concentration †  
Guided Pathway  
Effective for the 2021-2022 Catalog  
First Year – Tyler Junior College**

FIRST SEMESTER	SECOND SEMESTER
<sup>C</sup> xxxx x4xx Life and Physical Sciences Core <sup>1</sup> (TSU requires BIOL 1406 Biology for Science Majors I)	<sup>C</sup> xxxx x4xx Life and Physical Sciences Core <sup>1</sup> (TSU requires BIOL 1407 Biology for Science Majors II)
<sup>C</sup> ENGL 1301 Composition I	<sup>C</sup> ENGL 1302 Composition II*
<sup>C</sup> HIST 1301 United States History I	<sup>C</sup> HIST 1302 United States History II*
<sup>C</sup> EDUC 1300 Learning Framework*	MATH 2412 Precalculus* (TSU requires MATH 2413 Calculus I)
<sup>C</sup> MATH 1314 College Algebra* (TSU requires MATH 2412 Precalculus)	<sup>C</sup> xxxx x3xx Social and Behavioral Sciences Core (TSU requires ECON 2301 Principles of Macroeconomics)
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 <sup>1</sup> (TSU requires CHEM 1411 College Chemistry I)	xxxx x4xx Sciences Elective <sup>1</sup> (TSU requires CHEM 1412 College Chemistry II)
<sup>C</sup> GOVT 2305 Federal Government	<sup>C</sup> GOVT 2306 Texas Government
<sup>C</sup> SPCH 1315 Public Speaking*	<sup>C</sup> xxxx x3xx Language, Philosophy & Culture Core (TSU requires PHIL 1301 Introduction to Philosophy)
xxxx x3xx Elective (TSU requires PHYS 1401 College Physics I <u>or</u> PHYS 2425 University Physics II)	xxxx x4xx Elective (TSU requires PHYS 1402 College Physics II <u>or</u> PHYS 2426 University Physics II)
<sup>C</sup> xxxx x3xx Creative Arts Core	
Total Semester Hours: 17	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	
BIOL 1185 Career Pathways in Biomedical Science	BIOL 2300 Cell Biology
CHEM 2423 Organic Chemistry I & Laboratory	CHEM 2425 Organic Chemistry II & Laboratory
Total Semester Hours: 5	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	
Total Semester Hours: 12	Total Semester Hours: 9
	Total Degree Hours: 121

**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.

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

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

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

<sup>3</sup>Social & 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.

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