



**Associate of Science in Science to  
 Bachelor of Science in Geoscience  
 With a Petroleum Geology 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 CHEM 1411 General Chemistry I) | <sup>C</sup> xxxx x4xx Life and Physical Sciences Core <sup>1</sup> (TSU requires CHEM 1412 General Chemistry 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*   | <sup>C</sup> xxxx x3xx Social and Behavioral Sciences Core  |
| <sup>C</sup> MATH 1314 College Algebra* (TSU requires MATH 2413 Calculus I)                                      | MATH 2412 Precalculus* (TSU requires MATH 2414 Calculus II)   |
| Total Semester Hours: 17   | 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 PHYS 1401 College Physics I)     | xxxx x4xx Sciences Elective <sup>1</sup> (TSU requires PHYS 1402 College Physics II) |
| <sup>C</sup> GOVT 2305 Federal Government   | <sup>C</sup> GOVT 2306 Federal Government  |
| <sup>C</sup> SPCH 1315 Public Speaking*   | <sup>C</sup> xxxx x3xx Language, Philosophy & Culture Core                           |
| <sup>C</sup> xxxx x3xx Elective (TSU requires MATH 1342 Elementary Statistical Methods) | xxxx x4xx Elective (TSU requires GEOL 1403 Physical Geology)                         |
| 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 1404 Historical Geology | EASC 2451 Intro to Geographic Information Systems |
|                              | Total Semester Hours: 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: 13 | Total Semester Hours: 13 |

**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: 12 |
| 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.

\* 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.