



Transfer Map: Suggested Academic Plan for Transfer **2026 – 2027** Catalog Year  
Tyler Junior College and Sam Houston State University  
Associate of Science, Geology to  
Bachelor of Science in Geology



**Tyler Junior College**

| Semester 1                |                |                                              |           | Semester 2                |                   |                                                                 |           |
|---------------------------|----------------|----------------------------------------------|-----------|---------------------------|-------------------|-----------------------------------------------------------------|-----------|
| TJC                       | SHSU           | Course Name                                  | Hrs.      | TJC                       | SHSU              | Course Name                                                     | Hrs.      |
| EDUC 1300                 | Core 090       | Learning Frameworks                          | 3         | CHEM 1411                 | CHEM 1411         | General Chemistry I                                             | 4         |
| ENGL 1301                 | ENGL 1301      | Composition I                                | 3         | ENGL 1302                 | ENGL 1302         | Composition II                                                  | 3         |
| GEOL 1403                 | GEOL 1403      | Physical Geology                             | 4         | GEOL 1404                 | GEOL 1404         | Historical Geology                                              | 4         |
| HIST 1301                 | HSTY 1301      | United States History I                      | 3         | MATH 2413                 | MATH 1420         | Calculus I                                                      | 4         |
| MATH 2412                 | MATH 1410      | Pre-Calculus Algebra                         | 4         |                           |                   |                                                                 |           |
| <b>Total</b>              |                |                                              | <b>17</b> | <b>Total</b>              |                   |                                                                 | <b>15</b> |
| Semester 3                |                |                                              |           | Semester 4                |                   |                                                                 |           |
| ECON 2301                 | Core 080       | Principles of Macroeconomics                 | 3         | ARTS 1301                 | Core 050          | Art Appreciation                                                | 3         |
| ENGL 2332 or<br>ENGL 2333 | Core 040       | World Literature I OR<br>World Literature II | 3         | PHYS 1402                 | PHYS<br>1302/1102 | College Physics II                                              | 4         |
| GOVT 2305                 | POLS 2305      | Federal Government                           | 3         | CHEM 1412                 | CHEM 1412         | General Chemistry II                                            | 4         |
| HIST 1302                 | HSTY 1302      | United States History II                     | 3         | GOVT 2306                 | POLS 2306         | Texas Government                                                | 3         |
| PHYS 1401                 | PHYS 1301/1101 | College Physics I                            | 4         | SPCH 1321 or<br>SPCH 1315 | Core 090          | Business & Professional<br>Communications OR<br>Public Speaking | 3         |
| <b>Total</b>              |                |                                              | <b>16</b> | <b>Total</b>              |                   |                                                                 | <b>17</b> |

Tyler Junior College Total Semester Hours: 65

**Sam Houston State University**

| Semester 5                |                                                   |              | Semester 6         |                              |           |
|---------------------------|---------------------------------------------------|--------------|--------------------|------------------------------|-----------|
| SHSU                      | Course Name                                       | Hrs.         | SHSU               | Course Name                  | Hrs.      |
| GEOL 3301                 | Field Methods                                     | 3            | GEOL 3405          | Petrology                    | 4         |
| GEOL 3404                 | Mineralogy                                        | 4            | GEOL 4400          | Stratigraphy & Sedimentation | 4         |
| Minor                     | Minor Requirement                                 | 3            | GEOL 4304          | Geochemistry                 | 3         |
| Minor Advanced            | Minor Requirement 3000-4000 level                 | 3            | GEOL Electives (a) | GEOL Advanced Electives      | 4         |
| MATH 1430 or<br>MATH 3379 | Calculus II OR<br>Statistical Methods in Practice | 3-4          |                    |                              |           |
| <b>Total</b>              |                                                   | <b>16-17</b> | <b>Total</b>       |                              | <b>15</b> |
| Semester 7                |                                                   |              | Semester 8         |                              |           |
| GEOL 4402                 | Structural Geology                                | 4            | GEOL 4360          | Field Geology                | 3         |
| GEOL 4426 or<br>GEOL 4320 | Hydrogeology OR Petroleum Geology                 | 3-4          | GEOL 4361          | Field Geology                | 3         |
| GEOL Electives (a)        | GEOL Advanced Electives                           | 6            | Minor              | Minor Requirement            | 9         |
| Minor Advanced            | Minor Requirement 3000-4000 level                 | 3            |                    |                              |           |
| <b>Total</b>              |                                                   | <b>16-17</b> | <b>Total</b>       |                              | <b>15</b> |

SHSU Total Semester Hours: 62-64

**Notes:**

- GEOL Advanced Electives are any course with a GEOL prefix at the 3000 – 4000 level.
- A minor is required and all minors can be paired with this degree program.

**Helpful Links:**

[Program Landing Page](#)

[Transfer Students](#)

[Scholarships](#)



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**GPA:**

- Students must earn a 2.0 minimum overall GPA in all coursework.
- Students must meet a 2.0 minimum overall major GPA in all major coursework.
- Students must earn a 2.0 minimum SHSU GPA in all coursework.
- Students must meet a 2.0 minimum SHSU major GPA in all major coursework.