*Texas A&M GEOLOGY (BS) starts at*

*Lone Star College*

The Geology department in the College of Geosciences at Texas A&M welcomes transfer students from **Lone Star College**! The BS in Geology prepares students for careers in the energy and environmental industries, and for advanced study at top-ranked graduate programs. The BS is the appropriate degree for students intending to pursue graduate study in geology. Students desiring employment in industry are encouraged to pursue an MS degree. Students planning a research or university teaching career should pursue a PhD degree. The tracks offered within the BS in Geology – Environmental and Petroleum - use particular selections of electives to refine the degree. This 8-term plan of study provides current and prospective transfer students with a recommended pathway to completion of the Bachelor of Science (BS) in Geology. **For a variety of reasons, many students opt for the transfer path to Texas A&M’s College of Geosciences, and that is perfectly fine. It is important to understand how transfer applicants are reviewed for admission; therefore, following this pathway will help put you on your way to Texas A&M – *the pathway that started at* *Lone Star* *College!***

How can ***you*** be admitted?

**Automatic**

Minimum 3.0 GPA

Successfully completed and/or enrolled in any combination of the following:

* 2 appropriate mathematics course
* 1 appropriate science course
* 1 geosciences course

**Case-by-case**

Minimum 2.5 GPA

Successfully completed:

* 2 appropriate mathematics courses
* 1 appropriate science course
* 1 geosciences course

Academic Advisor: Suzanne Rosser crosser@tamu.edu

**SAMPLE SCHEDULE**

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| **SEMESTER 1** | **Hrs.** |
| CHEM 1411  | 4 |
| ENGL 1301 (if needed) | 3 |
| GEOL 1403 | 4 |
| MATH 2413 | 4 |
| Total Hours | 15 |

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| **SEMESTER 2** | **Hrs.** |
| CHEM 1412 | 4 |
| GOVT 2305 | 3 |
| MATH 2414 | 4 |
| EDUC 1300 | 3 |
| Total Hours | 14 |

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| **SEMESTER 3** | **Hrs.** |
| GEOL 1404 | 4 |
| Minor or communication elective | 3 |
| MATH 2415 | 3 |
| PHYS 2425 | 4 |
| Total Hours | 14 |

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| **SEMESTER 4** | **Hrs.** |
| Geology elective (GEOL 1405 or 1445) | 4 |
| Language, philosophy and culture elective | 3 |
| GOVT 2306 | 3 |
| PHYS 2426 | 4 |
| Total Hours | 14 |

**MILESTONES**

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| **SEMESTER 1 – Be curious** |
| Meet with your advisor |
| Meet with Career Center advisor |
| Establish a good GPA |

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| **SEMESTER 2 – Show initiative** |
| Meet with your advisor |
| Consult with TAMU advisor for geology |
| Begin to consider Study Abroad opportunities |

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| **SEMESTER 3 – Make connections** |
| Meet with your advisor |
| Compose résumé for review |
| Join the professional society in your major |
| Register for AggieExternships |

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| **SEMESTER 4 – Aggies Commit** |
| Meet with your advisor |
| Meet with a faculty member to formulate undergraduate research |

*From Lone Star College to Texas A&M*

*Pathway to GEOLOGY (BS)*

**SAMPLE SCHEDULE**

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| **SEMESTER 5** | **Hrs.** |
| GEOL 304 | 4 |
| GEOL 305 | 3 |
| American history elective | 3 |
| MATH 308 | 4 |
| Total Hours | 14 |

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| **SEMESTER 6** | **Hrs.** |
| GEOL 306 | 4 |
| GEOL 311 | 1 |
| GEOL 312 | 4 |
| GEOL 451 | 3 |
| General elective | 3 |
| Total Hours | 15 |

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| **SUMMER FIELD STUDIES** | **Hrs.** |
| GEOL 300 | 6 |
| Total Hours | 6 |

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| **SEMESTER 7** | **Hrs.** |
| General elective | 3 |
| General elective | 3 |
| Creative arts elective | 3 |
| Technical electives\*\* | 6 |
| Total hours | 15 |

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| **SEMESTER 8** | **Hrs.** |
| American history elective | 3 |
| Social and behavioral sciences elective | 3 |
| Technical electives\*\* | 6 |
| Total hours | 12 |

**MILESTONES**

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| **SEMESTER 5** |
| Meet with your advisor |
| Create Career Center profile |
| Join a service organization or two |
| Connect with at least one faculty mentor to serve as mentor |
| Register for workshop through Money Wise Aggies. Recommended: Credit Cards and Credit Scores |

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| **SEMESTER 6** |
| Meet with your advisor |
| Create Career Center profile |
| Join a service organization or two |
| Connect with at least one faculty mentor to serve as mentor |
| Register for workshop through Money Wise Aggies. Recommended: Credit Cards and Credit Scores |

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| **SEMESTER 7** |
| Complete a Pre-Graduation Check |
| Register for workshop through Money Wise Aggies. Recommended: I’m Graduating, Now What? |
| Apply for your Aggie Ring |

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| **SEMESTER 8** |
| Register for graduation |

\*Any approved 400-level geology or geophysics course not already required.

\*\* Any science, math or engineering course that augments the degree with the approval of the advisor.

**Employment Information**

*The U.S. Bureau of Labor Statistics projects an 18% growth for geosciences over the next decade.*

Representative Job Titles Related to this Major: Geologist, Geochemist, Earth Scientist, Geophysicist, Marine Geologist, Hydrologist, Oceanographer, Environmental Administrator, Paleontologist.

Representative Employers: Mining Companies, Petroleum Companies, Consulting Firms in Environmental Sciences, Federal/State/Local government.