

# **Texas A&M GEOLOGY (BS) starts at Brookhaven College**

The Geology department in the College of Geosciences at Texas A&M welcomes transfer students from **Brookhaven 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 Brookhaven 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

### **SAMPLE SCHEDULE**

<b>SEMESTER 1</b>	<b>Hrs.</b>
ENGL 1301	3
MATH 2413	4
HIST 1301	3
CHEM 1411	4
Total Hours	14
<b>SEMESTER 2</b>	<b>Hrs.</b>
ENGL 1302	3
MATH 2414	4
HIST 1302	3
SPCH 1315	3
CHEM 1412	4
Total Hours	17
<b>SEMESTER 3</b>	<b>Hrs.</b>
ENGL 2332	3
GOVT 2305	3
ARTS 1301	3
PHYS 2425	4
GEOL 1403	4
Total Hours	17
<b>SEMESTER 4</b>	<b>Hrs.</b>
GOVT 2306	3
PHED 1164	1
PSYC 2301	3
PHYS 2426	4
GEOL 1404	3
Total Hours	14

### **MILESTONES**

<b>SEMESTER 1 – Be curious</b>
Meet with your advisor
Meet with Career Center advisor
Establish a good GPA

<b>SEMESTER 2 – Show initiative</b>
Meet with your advisor
Consult with TAMU advisor for geology
Begin to consider Study Abroad opportunities

<b>SEMESTER 3 – Make connections</b>
Meet with your advisor
Compose résumé for review
Join the professional society in your major
Register for AggieExternships

<b>SEMESTER 4 – Aggies Commit</b>
Meet with your advisor
Meet with a faculty member to formulate undergraduate research

**AS Degree completed at Brookhaven College**

# From Brookhaven College to Texas A&M Pathway to GEOLOGY (BS)

## SAMPLE SCHEDULE

SEMESTER 5	Hrs.
GEOL 304	4
GEOL 305	3
MATH 251	3
MATH 308	4
Total Hours	14

SEMESTER 6	Hrs.
GEOL 306	4
GEOL 311	1
GEOL 312	4
GEOL 451	3
Total Hours	12

SUMMER FIELD STUDIES	Hrs.
GEOL 300	6
Total Hours	6

SEMESTER 7	Hrs.
General elective(s)	4
Geology elective*	4
Technical electives**	6
Total hours	14

SEMESTER 8	Hrs.
General elective	3
Geology elective*	3
Technical electives**	6
Total hours	12

Texas A&M Academic Advisor:  
Suzanne Rosser [crosser@tamu.edu](mailto:crosser@tamu.edu)

\*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.

## MILESTONES

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

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

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

SEMESTER 8
Register for graduation