

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

The Atmospheric Science department in the College of Geosciences at Texas A&M welcomes transfer students from **Brookhaven College!** Atmospheric scientists and meteorologists study the physics and chemistry of the atmosphere. Scientists use knowledge about the atmosphere to predict weather; perform long-range forecasting, apply numerical modeling, evaluate climate change and monitor air quality. The discipline also includes remote sensing and environmental studies. Cross disciplinary approaches closely connect it to oceanography and hydrology. Undergraduates in the department have opportunities to participate in research projects that contribute to regional, national and international programs.

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

SEMESTER 1	Hrs.
ENGL 1301	3
MATH 2413	4
HIST 1301	3
CHEM 1411	4
Total Hours	14

SEMESTER 2	Hrs.
ENGL 1302	3
MATH 2414	4
HIST 1302	3
CHEM 1412	4
SPCH 1315	3
Total Hours	17

SEMESTER 3	Hrs.
GOVT 2305	3
ENGL 2332	3
ARTS 1301	3
PHYS 2425	4
GEOL 1403	4
Total Hours	17

SEMESTER 4	Hrs.
GOVT 2306	3
PHED 1164	1
PSYC 2301	3
PHYS 2426	4
Computer Science elective	3
Total Hours	14

**AS Degree Completed at Brookhaven College**

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

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

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

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

### MILESTONES

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

## SAMPLE SCHEDULE

SEMESTER 5	Hrs.
ATMO 203	1
ATMO 251	3
General elective(s)	8
ATMO 363	3
<b>Total Hours</b>	<b>15</b>

SEMESTER 6	Hrs.
ATMO 335	3
ATMO 336	4
STAT 211	3
Atmospheric sciences or technical electives	6
General elective	3
<b>Total Hours</b>	<b>15</b>

SEMESTER 7	Hrs.
ATMO 446	3
ATMO Inst/Remote Sensing Elective	3
Atmospheric sciences or technical elective	4
General elective	3
Social and behavioral science elective	3
<b>Total hours</b>	<b>16</b>

SEMESTER 8	Hrs.
Atmospheric sciences or technical elective	3
Atmospheric sciences or technical elective	3
Technical electives**	6
General elective	3
<b>Total hours</b>	<b>15</b>

\*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.

Texas A&M Academic Advisor for this major: Brady Dennis [brady-dennis@tamu.edu](mailto:brady-dennis@tamu.edu)

## 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
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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

SEMESTER 8
Register for graduation