

# *Brookhaven GIS Systems Specialist AAS To Texas A&M GIST*

The Geography Department in the College of Geosciences at Texas A&M welcomes transfer students from **Brookhaven College!** Within the Geography Department, prospective transfer students can apply to either **Geography** or **Geographic Information Science Technology (GIST)**. 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!*

How can you be admitted?

### Automatic

Minimum 3.0 GPA

Successfully completed:

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

### Case-by-case

Minimum 2.5 GPA

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

- 2 appropriate mathematics course
- 1 appropriate science course
- 1 geosciences course

### Review

Minimum 2.5 GPA

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

- 1 appropriate mathematics or science course
- 1 geosciences course

Applicant's transcript(s), résumé, and essay will be thoroughly reviewed

## SAMPLE SCHEDULE

SEMESTER 1	Hrs.
ENGL 1301	3
MATH 1324/1314	3
GISC 1125	1
GISC 1411	4
Total Hours	11

SEMESTER 2	Hrs.
GISC 1401	4
GISC 2320	3
GISC 1147	1
GISC 1421	4
Total Hours	12

SEMESTER 3	Hrs.
GISC 1391	3
GISC 2311	3
GISC 2401	4
GISC 1145	1
GISC 1149	1
Total Hours	12

SEMESTER 4	Hrs.
GEOL 1403	4
GISC 2335	3
GISC 2380	3
GEOG 1301	3
Total Hours	13

SEMESTER 5	Hrs.
GISC 2231	2
Arts, Humanities Elective	3
SPCH 1311 or SPCH 1315	3
GISC 2459	4
Total Hours	12

## MILESTONES

SEMESTER 1 – Be curious
Meet with advisor to identify TAMU Geoscience major
Establish a good GPA
Plan to fit in 1 year of foreign language if requirement was not met in high school

SEMESTER 2 – Show initiative
Decide when to apply to chosen major in TAMU College of Geosciences
Contact your TAMU major advisor
Find Internships/Co-ops/Volunteer work
Begin to consider Study Abroad opportunities

SEMESTER 3 – Make connections
Meet with your TAMU major advisor
Compose résumé for review
Register for AggiExternships

SEMESTER 4 – Aggies Commit
Meet with your TAMU major advisor
Meet with a faculty member to formulate Undergraduate Research

SEMESTER 5
Meet with your major advisor to complete a degree plan
Create Career Center profile
Apply for summer internships
Join a student organization or two
Connect with at least one faculty member to serve as your mentor

AAS Degree completed at Brookhaven College

# From Brookhaven College to Texas A&M Pathway to GIST

## SAMPLE SCHEDULE

SEMESTER 6	Hrs.
GEOG 324, 331, or 335	3
GEOG 304, 306, or 311	3
STAT 303	3
GEOG 203/213	4
Science Sequence*	4
<b>Total Hours</b>	<b>17</b>

SUMMER SEMESTER	Hrs.
POLS 206	3
American History	3
Science Sequence*	4
Directed Elective	3
<b>Total Hours</b>	<b>13</b>

SEMESTER 7	Hrs.
GEOG 352	3
GEOG 304, 306, 311, or 401	3
GEOG 312	3
Track Elective	3
POLS 207	3
<b>Total hours</b>	<b>15</b>

SEMESTER 8	Hrs.
GEOG 361	4
GEOG 476	3
ESSM 459	3
American History	3
Creative Arts	3
<b>Total Hours</b>	<b>16</b>

## MILESTONES

SEMESTER 6
Declare a minor, if desires
Meet with Career Center for mock interview
Attend Career Fairs
Attend professional conferences

SEMESTER 7
Complete a Pre-Graduation Check
Apply for full time jobs or graduate schools
Apply for your Aggie Ring

SEMESTER 8
Apply for graduation in 1 <sup>st</sup> two weeks

\*Science Sequences:

- 1) BIOL 1406 & 1407 or BIOL 1411 & 1413
- 2) CHEM 1411 & 1412
- 3) GEOL 1403 & 1404
- 4) PHYS 1401 & 1402

### Employment Information

The U.S. Bureau of Labor Statistics projects an overall 22% increase in geoscience-related occupations by 2018, well above the national average growth rate for all U.S. occupations.

**Representative Job Titles Related to this Major:** Cartographer, GIS and mapping, GPS and remotely sensed data, Consultant, Environmental advocate, Intelligence analyst, Analyst, Urban Planner, Teacher.

**Representative Employers:** GIS and mapping-related agencies, federal/state/local government, Environmental Protection Agency, Central Intelligence Agency, military, consulting companies, schools and universities.

Salary information: Association of American Geographers (<http://www.aag.org/cs/salarydata>)



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