

Texas A&M GIST – Computation, Design and Analysis (CDA) track starts at Brookhaven College

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	3
HIST 1301	3
GEOG 1301 or 1302	3
Lab Science*	4
Total Hours	16
SEMESTER 2	Hrs.
ENGL 1302	3
MATH 1425	3
HIST 1302	3
GEOG 1301 or 1302	3
Lab Science*	4
Total Hours	16
SEMESTER 3	Hrs.
ENGL 2332	3
GOVT 2305	3
SPCH 1315	3
ARTS 1301	3
General elective (math, science or computer sci)	3
Total Hours	15

SEMESTER 4	Hrs.
GOVT 2306	3
PSYC 2301	3
GISC 1411	4
PHED 1164	1
General elective	3
Total Hours	14

AS Degree completed at Brookhaven College

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

From Brookhaven College to Texas A&M Pathway to GIST – Computation, Design and Analysis

SAMPLE SCHEDULE

SEMESTER 5	Hrs.
GEOG 332 or 232(Cartography & Visualization)	3
GEOG 324, 331 OR 335	3
GEOG 304, 306, 311	3
STAT 303	3
GEOG 213 Planet Earth Lab	1
Total Hours	13

SEMESTER 6	Hrs.
GEOG 352	3
GEOG 475	4
GEOG 304, 306, 311 or 401	3
GEOG 312	3
Track Elective	3
Total Hours	16

SEMESTER 7	Hrs.
GEOG 361	4
CSCE 111, GEOG 392 or 478	4
Track elective	3
Directed Electives	6
Total hours	17

SEMESTER 8	Hrs.
CSCE 111, GEOG 392 or 478	4
GEOG 476	3
ESSM 459 (Spatial Databases)	3
CSCE 111, GEOG 392 or 478	4
Directed Elective	3
Total hours	17

*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>)

MILESTONES

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

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 st two weeks



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Texas A&M Academic Advisor for this major: Katie Elrod katieelrod@tamu.edu