

Texas A&M GIST – Human Systems and Society (HSS) 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 |

| |
|---|
| 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 AggieExternships |

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

AS Degree completed at Brookhaven College

MILESTONES

SEMESTER 1 – Be curious

From Brookhaven College to Texas A&M Pathway to GIST – Human Systems and Society

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 |
| GEOG 398, 477 OR 479 | 3-4 |
| Track electives | 3 |
| Directed Electives | 6 |
| Total hours | 16-17 |

| SEMESTER 8 | Hrs. |
|------------------------------|--------------|
| GEOG 398, 477 or 479 | 3-4 |
| GEOG 476 | 3 |
| ESSM 459 (Spatial Databases) | 3 |
| Directed Electives | 6 |
| Total hours | 15-16 |

*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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