

**TRANSFER PATHWAY**  
**(For Transfer to Tarleton State University)**  
**ASSOCIATE OF APPLIED SCIENCE IN GEOGRAPHIC INFORMATION SYSTEMS SPECIALIST TO**  
**BACHELOR OF APPLIED ARTS AND SCIENCES IN GEOGRAPHIC INFORMATION SYSTEMS<sup>T</sup>**

**Catalog Year**    2021-2022    You may use this pathway if you entered Dallas College on or before this date.

**Career Path**    Manufacturing and Industrial Technologies

**Available at**    Brookhaven Campus

**TSI**    Must be Complete

### SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Brookhaven Campus. Contact your advisor for information.

#### AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

**SEMESTER 1** **Total Hours: 11**

- GISC 1125** – Concepts and Careers in Geographic Information Systems
- GISC 1411** – Introduction to Geographic Information Systems (GIS)
- ENGL 1301** – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*
- MATH 1314** – College Algebra *This is a (CB 020) Core course. Must earn a grade of "C" or higher.*

**SEMESTER 2** **Total Hours: 12**

- GISC 1401** – Cartography and Geography in Geographical Information Systems (GIS) and Global Positioning Systems
- GISC 2320** – Intermediate Geographic Information Systems (GIS)
- GISC 1147** – Three-Dimensional Analysis in Geographic Information Systems
- GISC 1421** – Introduction to Raster-Based Geographic Information Systems (GIS)

**SEMESTER 3** **Total Hours: 12**

- GISC 1391** – Special Topics in Cartography
- GISC 2311** – Geographic Information Systems (GIS) Applications
- GISC 2401** – Data Acquisition and Analysis in Geographic Information Systems (GIS)
- GISC 1145** – Geographic Information Systems (GIS) for Engineers
- GISC 1191** – Special Topics in Cartography

**SEMESTER 4** **Total Hours: 13**

- GEOL 1403** – Physical Geology *This is a (CB 030) Core course.*
- SOCI 2319** – Minority Studies *This is a (CB 080) Core course.*
- GISC 2335** – Programming for Geographic Information Systems (GIS)
- GISC 2380** – Cooperative Education-Cartography

**SEMESTER 5** **Total Hours: 12**

- GISC 2231** – Advanced Problems in Geographic Information Systems (GIS) *This is the capstone experience for this award.*
- Humanities/Fine Arts (TSU requires) Core Elective** *This is a (CB 040 or CB 050) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*
- CHOOSE ONE:** **SPCH 1311** – Introduction to Speech Communication **OR**
- SPCH 1315** – Public Speaking *These are (CB 090) Core courses.*
- GISC 2459** – Web-Served Geographic Information Systems (GIS)

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**THESE COURSES MAY BE COMPLETED AT DALLAS COLLEGE (IF OFFERED) OR TSU**

**Total Hours: 23**

ENGL 1302 – Composition I  
Life and Physical Science Core Elective (4 credits)  
HIST 1301 – US History I  
HIST 1302 – US History II  
GOVT 2305 – Federal Government  
GOVT 2306 – Texas Government  
Language, Philosophy and Culture Core Elective  
Any 1 Credit Core Elective

### **SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS**

For questions about the university portion of this transfer pathway, contact the **Academic Advising Office** at (254) 968-9746 or [advising@tarleton.edu](mailto:advising@tarleton.edu). It is best to apply to Tarleton State University a full semester before you plan to transfer.

#### **SEMESTER 1**

**Total Hours: 15**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

#### **SEMESTER 2**

**Total Hours: 15**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

#### **SEMESTER 3**

**Total Hours: 15**

Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course  
Tarleton Course

<sup>†</sup> Degree availability varies by campus; consult [www.tarleton.edu](http://www.tarleton.edu) for more information.