



Geographic Information Science &  
Technology (GIST)  
College of Arts and Sciences  
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2023-2024 Transfer Course Sheet  
Minimum GPA | 2.5  
Minimum Transferable Hours | 24  
Second-Choice Major Eligible | YES

### Recommended Coursework for Admission

| Course Name                        | Hrs. | TCCNS  | TAMU   |
|------------------------------------|------|--|--|
| Introduction to Physical Geography | 3-4  | GEOG 1301  | GEOG 203   |
| Introduction to Human Geography    |      | GEOG 1302  | GEOG 201   |
| World Regional Geography           |      | GEOG 1303  | GEOG 202   |
| Math for Business & Social Science | 3    | MATH 1324  | MATH 140   |
| Business Calculus                  | 3    | MATH 1325  | MATH 142   |
| Approved Science                   | 4    | BIOL 1406 (1306/1106)<br>CHEM 1411 (1311/1111)<br>PHYS 1401 (1301/1101)<br>GEOL 1403 (1303/1103) | BIOL 111<br>CHEM 119<br>PHYS 201<br>GEOL 101/102<br>OCNG 251/252 |

- Courses listed should be completed with a grade of C or better.
- Students may have to complete College Algebra (MATH 1314) at their institution before taking MATH 1324 or 1325.
- College Algebra is a transferable course but **will not** satisfy the Mathematics requirements in this degree plan.

The recommendations below represent what a typical TAMU student's schedule looks like during the first four semesters. If working to complete an Associate's Degree before transferring, please align your degree plan to satisfy TAMU degree requirements. You may not have to complete the coursework in the sequence below but this major recommends specific coursework to be completed.

#### First Year

##### FALL SEMESTER

| TCCNS     | TAMU   | Course Name                        | Hrs. |
|-----------|--|------------------------------------|------|
| GEOG 1301 | GEOG 203   | Planet Earth                       | 3    |
|           | GEOG 213   | Planet Earth Lab                   | 1    |
| MATH 1324 | MATH 140   | Math for Business & Social Science | 3    |
|           |  | *Approved Science – see above      | 4    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | Communication                      | 3    |
| Total     |  |                                    | 14   |

##### SPRING SEMESTER

| TCCNS     | TAMU   | Course Name                     | Hrs. |
|-----------|--|---------------------------------|------|
| GEOG 1302 | GEOG 201   | Introduction to Human Geography | 3    |
| MATH 1325 | MATH 142   | Business Calculus               | 3    |
|           |  | *Approved Science – see above   | 4    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | American National Government    | 3    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | Communication                   | 3    |
| Total     |  |                                 | 16   |

\*See above for a list of approved sciences

#### Second Year

##### FALL SEMESTER

| TCCNS     | TAMU   | Course Name  | Hrs. |
|-----------|--|--|------|
| GISC 1401 | GEOG 232   | Cartography & Visualization  | 3    |
| GISC 1411 | CSCE 110 or CSCE 111                             | Programming I or Introduction to Computer Science Concepts and Programming | 4    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | American History   | 3    |
| GOVT 2306 | POLS 207   | State & Local Government   | 3    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | Social & Behavioral Sciences   | 3    |
| Total     |  |  | 16   |

##### SPRING SEMESTER

| TCCNS     | TAMU   | Course Name                    | Hrs. |
|-----------|--|--------------------------------|------|
| GOVT 2305 | POLS 206   | American National Government   | 3    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | Creative Arts                  | 3    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | American History               | 3    |
|           | <a href="http://core.tamu.edu">core.tamu.edu</a> | Language, Philosophy & Culture | 3    |
| Total     |  |                                | 12   |

- Consider taking courses that fulfill the 6 credit hours of [International and Cultural Diversity and Cultural Discourse requirement](#) when completing the Social and Behavioral Sciences, free electives and Creative Arts requirements.



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Minimum GPA | 2.5  
Minimum Transferable Hours | 24  
Second-Choice Major Eligible | YES

#### Coursework Timeline

- Competitive applicants will have the Recommended coursework completed by the application deadline.
- Applicants to the summer/fall term **may be** asked to submit spring final grades, this is not a guarantee.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term should have the Recommended coursework completed by the end of Summer II semester before applying.

#### Additional Transfer Requirements

- The Department of Geography is looking for students who are interested in pursuing our degree as a focus. Students should indicate our department as the primary major they are interested in if they wish to be admitted. The essay and supporting materials should reflect that the student is interested in pursuing our degree.
- Meeting minimum requirements **DOES NOT** guarantee admission. The entire record is reviewed for consistency in coursework and grades.

#### Additional Information

- Applicants should be serious about earning a degree in Geographic Information Science & Technology (GIST).
- Transfer applicants are instructed **NOT** to accept transfer admission to any major with the expectation of later applying for an on-campus change of major.

#### Career & Educational Opportunities

The GIST program provides students with broad exposure to the geospatial technologies of Geographic Information Systems (GIS), Remote Sensing (RS), and Global Positioning Systems (GPS) as well as applying these technics to specific application areas.

#### Transfer Course Sheet Notes

1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#) unless specified above.
3. This Transfer Course Sheet was supported in a partnership between the Office of Admissions and the College of Arts and Sciences at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.