This four-year plan provides a model for on-time completion of this UNT program using as many TCCNS courses as possible. The four-year plan also shows the first point when no TCCNS options are available for this program. See the current Undergraduate Catalog for course prerequisites. Course availability at UNT is subject to change, and the plan shown below may change based on updates to UNT’s course offerings.

<table>
<thead>
<tr>
<th>Year</th>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UNT Requirement</td>
<td>TCCNS Option</td>
</tr>
<tr>
<td>FRESHMAN</td>
<td>ENGL 1310</td>
<td>ENGL 1301</td>
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<tr>
<td></td>
<td>MATH 1650</td>
<td>MATH 2312 or 2412</td>
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<tr>
<td></td>
<td>UNT Core: Component Area Option</td>
<td>See list of approved courses</td>
</tr>
<tr>
<td></td>
<td>PSCI 2305</td>
<td>GOVT 2305</td>
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<td></td>
<td>Elective</td>
<td>Consult UNT advisor</td>
</tr>
<tr>
<td>SOPHOMORE</td>
<td>CSCE 1030</td>
<td>COSC 1336 or 1436</td>
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<td></td>
<td>UNT Core: Language, Philosophy and Culture</td>
<td>See list of approved courses</td>
</tr>
<tr>
<td></td>
<td>UNT Core: American History</td>
<td>See list of approved courses</td>
</tr>
<tr>
<td></td>
<td>Professional Field</td>
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</tr>
<tr>
<td></td>
<td>UNT Core: Life &amp; Physical Sciences</td>
<td>See list of approved courses</td>
</tr>
<tr>
<td></td>
<td>*If taken at UNT, the course requires MATH 1710 as a co-requisite.</td>
<td></td>
</tr>
<tr>
<td>JUNIOR</td>
<td>UNT Core: Component Area Option</td>
<td>See list of approved courses</td>
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<td>INFO 3010</td>
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<td>INFO 4707</td>
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<td></td>
<td>Elective</td>
<td>Consult UNT advisor</td>
</tr>
</tbody>
</table>

http://registrar.unt.edu/transfer-guides
Courses Recommended for Transfer
The UNT Core requirements are shown with Texas Common Course Numbering System values only when UNT offers equivalent courses. There may be other courses in transfer that apply toward the specific degree requirement, but those listed are known to apply to.

UNT Core: Communication
ENGL 1301; and ENGL 1302 or 2311
A grade of ‘C’ or better is required on courses applied toward this requirement.

UNT Core: Mathematics
One course chosen from: MATH 1316, 1324, 1325 or 1425, 1332, 1342 or 1442 or 2342 or 2442, 1350, 2312 or 2412, 2313 or 2413 or 2513
MATH 1342, 1442, 2342 or 2442 are recommended.

UNT Core: Life & Physical Sciences
For students not majoring in Science, Mathematics, or Engineering, completing two courses from the list below is recommended (see an Academic Advisor for more options).
- ANTH 2401
- ASTR 1403
- ASTR 1404
- BIOL 1408
- BIOL 2406
- GEOL 1401
- PHYS 1403
- PHYS 1404
- PHYS 1410
- PHYS 1415

UNT Core: American History
Two courses chosen from: HIST 1301, 1302, 2301

UNT Core: Government/Political Science
GOVT 2305 and 2306

UNT Core: Creative Arts
One course chosen from: ARTS 1301 or 1304; DRAM 1310; MUSI 1306; SPCH 2341

UNT Core: Language, Philosophy and Culture
One course chosen from: ARTS 1303; ENGL 2332 or 2333; HIST 2321 or 2322; PHIL 1301, 1304, 2303, 2306, or 2316

UNT Core: Social & Behavioral Sciences
One course chosen from: ANTH 2346 or 2351; COMM 1307; CRJ 1301; ECON 2301 or 2302; GEOG 1303; PSYC 2301; SOCI 1301; SOCW 2361; SPCH 1318; TECA 1354

UNT Core: Component Area Option
Complete two courses from Component Area Option A OR one course from Component Area Option A AND one course from Component Area Option B.

Option A: ANTH 2346, 2351, or 2401; ARTS 1301, 1303 or 1304; ASTR 1403 or 1404; BIOL 1408 or 1413, or 2406; COMM 1307; CRJ 1301; DRAM 1310; ECON 2301 or 2302; ENGL 1301, 1302, 2311, 2332, or 2333; GEOG 1303; GEOL 1401 or 1403; HIST 1301, 1302, 2321, or 2322; MATH 1316, 1324, 1325 or 1425, 1332, 1342 or 1442 or 2342 or 2442, 1350, 2305 or 2405, 2312 or 2412, 2313 or 2413 or 2513, 2314 or 2414; MUSI 1306 or 1307; PHIL 1301, 1304, 2303, 2306, or 2316; PHYS 1403, 1404, 1410, or 1415; PSYC 2301; SOCI 1301; SOCW 2361; SPCH 1315, 1318 or 2341; TECA 1354

Option B: SPCH 1311; TECA 1303

Data Science: Pre-Data Science Requirements
Students must complete 15 hours of mathematics and computer science courses before the other Data Science major requirements:

TCCNS options:
- MATH 2312 or 2412
- MATH 1342, 1442 or 2442
- COSC 1336 or 1436
- COSC 1337 or 1437

Courses listed above are TCCNS options and do not include all courses required for the UNT Computer Engineering major.

Data Science: Major Requirements
Students must complete 24 hours of required advanced INFO courses taken at UNT.

Data Science: Professional Field
Students must complete a professional field of 24 hours from information science or a related field, such as computer science, statistics, business analytics, digital communications analytics, health data analytics, and education analytics.
Data Science: Other Requirements

A grade of "C" or higher is required in all Pre-Data Science, major courses, professional field, and supporting field courses. A 2.7 grade point average in professional/supporting field is required for graduation.

Special Notes

Hours Required and General/College Requirements:

- A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor of Science degree as specified in the general university requirements section of the UNT catalog and the College of Information requirements.
- A minimum grade point average of 2.0 is required on all courses counted toward the major.

UNT Core Curriculum/Transfer of Core Curriculum:
UNT complies with the mandates of the 1997 Texas Legislature regarding requirements for state-assisted institutions. Students who successfully complete the common core curriculum (in whole or in part) at a Texas state-assisted institution of higher education are eligible to transfer as "core complete" for those categories in the UNT University Core Curriculum.

Individual academic programs may require courses contained in parts of the University Core Curriculum. Students who wish to take courses that will fulfill both core and major/program requirements simultaneously should check with academic advisors for assistance in selecting core courses.

Choice of Catalog: Any student transferring directly from a Texas public community college to UNT shall have the same choice of catalog designating degree requirements as the student would have had if the dates of attendance at the university had been the same as the dates of attendance at the community college.

The College of Information required curriculum and policies are located in the undergraduate catalog under the corresponding catalog year.

For additional program and contact information see the College of Information Student Advising website: http://ci.unt.edu/advising.