College of Liberal Arts & Social Sciences
B.S. Geographic Information Systems and Computer Science
2024-2025 Texas Common Course Numbering System Transfer Guide

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.

First Year Fall		First Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
UNT Core: American History	See list of approved courses	UNT Core: American History	See list of approved courses
UNT Core: Mathematics	See list of approved courses	UNT Core: Social & Behavioral Sciences	See list of approved courses
ENGL 1310 or TECM 1700	ENGL 1301	ENGL 1320 or TECM 2700	ENGL 1302 or 2311
CSCE 1030 or 1035	COSC 1336 or 1436	CSCE 1040 or 1045	COSC 1337 or 1437
Elective	Consult UNT advisor	Elective	Consult UNT advisor

Second Year Fall		Second Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
UNT Core: Life & Physical Sciences	See list of approved courses	UNT Core: Life & Physical Sciences	See list of approved courses
UNT Core: Core Option Course	See list of approved courses	UNT Core: Core Option Course	See list of approved courses
UNT Core: Language, Philosophy & Culture	See list of approved courses	UNT Core: Creative Arts	See list of approved courses
PSCI 2305	GOVT 2305	PSCI 2306	GOVT 2306
CSCE 2100	N/A	CSCE 2110	COSC 2336 or 2436

Third Year Fall		Third Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
GEOG 3500	N/A	GEOG 4550	N/A
GEOG 4560	N/A	GEOG 4570	N/A
Advanced Elective	N/A	GEOG 4590	N/A
Advanced Selected Track Course	N/A	Advanced Selected Track Course	N/A
Elective	Consult UNT advisor	Elective	Consult UNT advisor

Fourth Year Fall		Fourth Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
GEOG 4195 or 4230 or 4580	N/A	Advanced Selected Track Course	N/A
Advanced Selected Track Course	N/A	Advanced Selected Track Course	N/A
Advanced Elective	N/A	Advanced Elective	N/A
Elective	Consult UNT advisor	Elective	Consult UNT advisor
Elective	Consult UNT advisor	Elective	Consult UNT advisor

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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.

UNT Core: Communication

ENGL 1301; and **ENGL** 1302 or 2311

A grade of 'C' or higher is required on courses applied toward this requirement.

UNT Core: Mathematics

One course chosen from: **BUSI** 2305; **MATH** 1324, 1325, 1332, 1342, 2312 or 2412, 2313 or 2413

UNT Core: Life and Physical Sciences

For students **not** majoring in Science, Mathematics, or Engineering, completing two courses from the list below is recommended (Consult UNT advisor for more options).

- **ANTH** 2401 or 2301/2101
- **ASTR** 1403 or 1303/1103
- **ASTR** 1404 or 1304/1104
- **BIOL** 1408 or 1308/1108
- **BIOL** 2406 or 2306/2106
- **GEOL** 1401 or 1301/1101
- **GEOL** 1403 or 1303/1103
- **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 or 1307; **SPCH** 2341

UNT Core: Language, Philosophy and Culture

One course chosen from: **ARTS** 1303; **ENGL** 2321, 2326, 2331, 2341, or 2351; **HIST** 2321 or 2322; **PHIL** 1301, 1304, 2303, or 2306

UNT Core: Social and Behavioral Sciences

One course chosen from: **ANTH** 2346, 2351; **BUSI** 1307; **COMM** 1307; **CRIJ** 1301; **ECON** 2301 or 2302; **GEOG** 1303; **PSYC** 2301 or 2330; **SOCI** 1301; **SOCW** 2361; **SPCH** 1318; **TECA** 1354

UNT Core: Core Option Courses

Complete two courses from Core Option A OR one course from Core Option A AND one course from Core Option B.

Option A: ANTH 2401 or 2301/2101, 2346, or 2351; **ARTS** 1301, 1303 or 1304; **ASTR** 1403 or 1303/1103, or 1404 or 1304/1104; **BIOL** 1306 or 1406, 1307 or 1407, 1322, 1408 or 1308/1108, 2401 or 2301/2101, 2402 or 2302/2102, 2406 or 2306/2106; **BUSI** 1307 or 2305; **CHEM** 1411 or 1311/1111, 1412 or 1312/1112; **COMM** 1307 or 2300; **CRIJ** 1301; **DRAM** 1310; **ECON** 2301 or 2302; **ENGL** 1301, 1302, 2311, 2321, 2326, 2331, 2341, or 2351; **GEOG** 1303; **GEOL** 1401 or 1301/1101, or 1403 or 1303/1103; **HECO** 1322; **HIST** 1301, 1302, 2301, 2321, or 2322; **MATH** 1324, 1325, 1332, 1342, 2312 or 2412, 2313 or 2413, 2314 or 2414; **MUSI** 1306 or 1307; **PHIL** 1301, 1304, 2303, or 2306; **PHYS** 1401 or 1301/1101, 1402 or 1302/1102, 1403, 1404, 1410, 1415, 2425 or 2325/2125, or 2426 or 2326/2126; **PSYC** 2301 or 2330; **SOCI** 1301; **SOCW** 2361; **SPCH** 1315, 1318 or 2341; **TECA** 1354

Option B: **COMM** 2302; **SPCH** 1311; **TECA** 1303

Geographic Information Systems & Computer Science: Major Requirements

TCCNS options:
- **COSC** 1336 or 1436
- **COSC** 1337 or 1437
- **COSC** 2336 or 2436

A grade of 'C' or higher is required on all courses in the major.

Courses listed above are TCCNS options and do not include all courses required for the B.S. Geographic Information Systems and Computer Science major.

Geographic Information Systems & Computer Science: Additional Requirements

No TCCNS options.

Student must choose one of the following tracks:
- Computer Science
- Information Technology

Blending courses from tracks requires advisor approval. For more information on each track, see the B.S. Geographic Information Systems and Computer Science program in the UNT undergraduate catalog.

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 Liberal Arts and Social Sciences requirements.

UNT Core Curriculum/Transfer of Core Curriculum: UNT complies with the mandate of the Texas Legislature regarding Core 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 Liberal Arts and Social Sciences required curriculum and policies are located in the undergraduate catalog under the corresponding catalog year.

For additional program and contact information, visit the College of Liberal Arts and Social Sciences Student Advising website at class.unt.edu/advising.