



College of Liberal Arts & Social Sciences

B.S. Geographic Information Systems and Computer Science

2023-2024 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
ENGL 1310	ENGL 1301	ENGL 1320 or TECM 2700	ENGL 1302 or 2311
PSCI 2305	GOVT 2305	PSCI 2306	GOVT 2306
CSCE 1030 or 1035	COSC 1436 or 1336	UNT Core: Creative Arts	See list of approved courses
UNT Core: Mathematics	See list of approved courses	UNT Core: Social & Behavioral Sciences	See list of approved courses
UNT Core: Life & Physical Sciences	See list of approved courses	UNT Core: Life & Physical Sciences	See list of approved courses

SECOND YEAR FALL		SECOND YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
CSCE 1040 or 1045	COSC 1337 or 1437	CSCE 2110	COSC 2336 or 2436
UNT Core: Core Option Course	See list of approved courses	UNT Core: Core Option Course	See list of approved courses
UNT Core: American History	See list of approved courses	UNT Core: American History	See list of approved courses
UNT Core: Language, Philosophy, and Culture	See list of approved courses	Elective	Consult UNT advisor
Elective	Consult UNT advisor	Elective	Consult UNT advisor

THIRD YEAR FALL		THIRD YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
CSCE 2100	N/A	GEOG 4550	N/A
GEOG 3500	N/A	GEOG 4590	N/A
GEOG 4560	N/A	Selected Track Course	N/A
GIS Elective (Advanced)	N/A	Selected Track Course	N/A
Elective	Consult UNT advisor	Elective (Advanced)	N/A

FOURTH YEAR FALL		FOURTH YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
GEOG 4570	N/A	Selected Track Course	N/A
Selected Track Course	N/A	Selected Track Course	N/A
Elective (Advanced)	N/A	Elective (Advanced)	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 better is required on courses applied toward this requirement.

UNT Core: Mathematics

One course chosen from: MATH 1316, 1324, 1325, 1332, 1342 or 1442, 1350, 2312 or 2412, 2313 or 2413

UNT Core: Life & 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 2301
- ASTR 1403
- ASTR 1404
- BIOL 1308 or 1408
- BIOL 2306 or 2406
- GEOL 1401
- GEOL 1403
- 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, 2332, 2333, 2341, or 2351; HIST 2321 or 2322; PHIL 1301, 1304, 2303, or 2306

UNT Core: Social & Behavioral Sciences

One course chosen from: ANTH 2346 or 2351; 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 2301, 2346, or 2351; ARTS 1301, 1303 or 1304; ASTR 1403 or 1404; BIOL 1306 or 1406, 1307 or 1407, 1322, 1308 or 1408, 2301 or 2401, 2302 or 2402, 2306 or 2406; CHEM 1311 or 1411, 1312 or 1412; COMM 1307 or 2300; CRIJ 1301; DRAM 1310; ECON 2301 or 2302; ENGL 1301, 1302, 2311, 2321, 2326, 2331, 2332, 2333, 2341, or 2351; GEOG 1303; GEOL 1401 or 1403; HECO 1322; HIST 1301, 1302, 2321, or 2322; MATH 1316, 1324, 1325, 1332, 1342 or 1442, 1350, 2312 or 2412, 2313 or 2413, 2314 or 2414; MUSI 1306 or 1307; PHIL 1301, 1304, 2303, or 2306; PHYS 1301 or 1401, 1302 or 1402, 1403, 1404, 1410, 1415, 2325 or 2425, or 2326 or 2426; PSYC 2301 or 2330; SOCI 1301; SOCW 2361; SPCH 1315, 1318 or 2341; TECA 1354

Option B: COMM 2302; SPCH 1311; TECA 1303

B.S. Geographic Information Systems and Computer Science: Major Requirements

- COSC 1436 or 1336
- COSC 1337 or 1437
- COSC 2336 or 2436

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

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

B.S. Geographic Information Systems and Computer Science: Other Requirements

Student must choose one of the following tracks (15 hours):

- Computer Science
- Information Technology

Blending courses from tracks requires advisor approval. For more information on each track, visit 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 www.class.unt.edu/advising.