



College of Science

B.S. Ecology for Environmental 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.

UNT Courses noted (#) do not have TCCNS equivalents, but have approved transferable substitutions.

FIRST YEAR FALL		FIRST YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
BIOL 1710	BIOL 1406 or 1306/1106	BIOL 1720/BIOL 1760#	BIOL 1407 or 1307/1107
CHEM 1410/1430	CHEM 1411 or 1311/1111	CHEM 1420/1440	CHEM 1412 or 1312/1112
MATH 1650 or 1680	MATH 2312 or 2412 or 1342 or 1442	TECM 2700	ENGL 2311
ENGL 1310	ENGL 1301	MATH 1710 or Elective	MATH 2314 or 2414
ECON 1100	ECON 2302		

SECOND YEAR FALL		SECOND YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
PSCI 2305	GOVT 2305	PSCI 2306	GOVT 2306
CHEM 2370/3210#	CHEM 2423 or 2323/2123	CHEM 2380/3220#	CHEM 2425 or 2325/2125
PHYS 1410/1430 or 1510#/1530#	PHYS 1401 or 1301/1101 or 2425 or 2325/2125	PHYS 1420/1440 or 1520#/1540#	PHYS 1402 or 1302/1102 or 2426 or 2326/2126
UNT Core: American History	See list of approved courses	UNT Core: American History	See list of approved courses
BIOL 2251	N/A		

THIRD YEAR FALL		THIRD YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
BIOL 2140/2141	N/A	BIOL 4503/4504 or 4505/4510	N/A
BIOL 3451/3452	N/A	BIOL 4051/4052	N/A
GEOG 3500	N/A	BIOL 4260	N/A
UNT Core: Language, Philosophy, & Culture	See list of approved courses	UNT Core: Creative Arts	See list of approved courses

FOURTH YEAR FALL		FOURTH YEAR SPRING	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
ECON 4440	N/A	PHIL 2500	N/A
BIOL Elective w/ Lab (Advanced)	N/A	BIOL Elective w/ Lab (Advanced)	N/A
BIOL Elective (Advanced)	N/A	BIOL Elective (Advanced)	N/A
Elective	Consult UNT advisor	Elective (Advanced)	N/A
Elective	Consult UNT advisor	Elective	Consult UNT advisor



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Students may not declare a major within the College of Science until they have completed **MATH 1100 (MATH 1314 or 1414)**, or **MATH 1180 (MATH 1324)** with a 'C' or better, or have demonstrated proficiency through a math placement exam. Applicants who do not meet the math proficiency requirement will be provisionally admitted as Pre-College of Science (PCOS). PCOS students may visit the College of Science Advising Center for assistance.

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.

***ENGL 2311** is a required course for the B.S. Ecology for Environmental Science program (see next column).*

UNT Core: Mathematics

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science program requirements (see next column).

UNT Core: Life & Physical Sciences

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science program requirements (see next column).

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, & 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

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science program requirements (see next column).

UNT Core: Core Option Courses

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science program requirements (see next column).

B.S. Ecology for Environmental Science: Foundation Requirements

Students must have a grade of C or better and a minimum 2.5 grade point average in all Foundation courses before enrolling in advanced courses required for the major.

- **BIOL 1406** or **1306/1106***
- **BIOL 1407** or **1307/1107***
- **CHEM 1411** or **1311/1111**
- **CHEM 1412** or **1312/1112**
- **CHEM 2423** or **2323/2123** (approved substitution)
- **MATH 1342** or **1442** or **2312** or **2412**

BIOL 1406, **1407**, **CHEM 1411**, and **1412** also fulfill both the Life & Physical Sciences and the Core Option Courses core requirements.

MATH 1342, **1442**, **2312**, or **2412** also fulfill the Mathematics core requirement.

Courses listed above are TCCNS options and do not include all courses required for the UNT B.S. Ecology for Environmental Science major.

** You will be required to take **BIOL 1760** at UNT unless, prior to transfer, you have completed both **BIOL 1106** and **1107** OR both **BIOL 1406** and **1407**.*

B.S. Ecology for Environmental Science: Major Requirements

- **ENGL 2311** (also fulfills a portion of the Communication core requirement)
- **CHEM 2425** or **2325/2125** (approved substitution)
- **MATH 1342** or **1442** or **2313** or **2413** (If **MATH 1342** or **1442** was used to complete the Foundation requirement, it also satisfies the major requirement)
- **PHYS 1401** or **1301/1101** or **2425** or **2325/2125** (approved substitution)
- **PHYS 1402** or **1302/1102** or **2426** or **2326/2126** (approved substitution)

ECON 4440, at UNT only, is required for the major and fulfills the Social & Behavioral Sciences core requirement.

Courses listed above do not include all courses required for the UNT B.S. Ecology for Environmental Science major.

B.S. Ecology for Environmental Science: Other Requirements

- Grade of C or better and minimum 2.5 grade point average in Foundation Courses, C or better in all upper-division courses counting towards major requirements, and an overall 2.0 grade point average are required for graduation.
- Students in the department whose Foundation Course or overall grade point average drops below the minimum for two consecutive semesters will be removed from the program.
- Only two attempts will be allowed for each biology course in the degree.



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Special Notes

Hours Required and General/College Requirements: A minimum of 120 semester hours, of which 36 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 Science 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 Science 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 Science Advising Center website at www.cos.unt.edu/advising.