

College of Science

B.S. Ecology for Environmental Science

2017-2018 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.

YEAR	FALL SEMESTER		SPRING SEMESTER	
F R E S H M A N	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/CHEM 1430	CHEM 1411 or 1311/1111	CHEM 1420/CHEM 1440	CHEM 1412 or 1312/1112
	ENGL 1310	ENGL 1301	TECM 2700	ENGL 2311
	MATH 1680 or MATH 1710	MATH 1342/1442/2342/2442 or MATH 2313/2413/2513	UNT Core: Language, Philosophy and Culture	See list of approved courses
	ECON 1100	ECON 2302		
	* If BIOL 1106 is not completed prior to transfer you will be required to take BIOL 1760 at UNT. ** If you choose BIOL 1307/1107 and BIOL 1107 is not completed prior to transfer you will be required to take BIOL 1760 at UNT.			

YEAR	FALL SEMESTER		SPRING SEMESTER	
S O P H O M O R E	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
	PSCI 2305	GOVT 2305	BIOL 2251	None
	CHEM 2370/3210#	CHEM 2423 or 2123/2323	CHEM 2380/3220#	CHEM 2425 or 2125/2325
	PHIL 2500	None	UNT Core: Creative Arts	See list of approved courses
			PSCI 2306	GOVT 2306
	BIOL 2140/BIOL 2141		Elective	Consult UNT advisor

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	PHYS 1410/1430 or PHYS 1510#/1530#	PHYS 1401 or 1301/1101***	BIOL 4260	None
	ECON 4440	None	BIOL 4051/4052	
	BIOL 3451/3452		PHYS 1420/1440 or PHYS 1520#/1540#	PHYS 1402 or 1302/1102***
	UNT Core: American History	See list of approved courses	BIOL 4503/4504 or 4505/4510	None
	*** Additional options/approved substitutions —PHYS 2425 or 2325/2125 substitutes for PHYS 1401; PHYS 2426 or 2326/2126 substitutes for PHYS 1402			

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SENIOR	BIOL Elective with Lab	None	BIOL Elective with Lab	None
	BIOL Elective (advanced)		BIOL Elective (advanced)	
	GEOG 3500		Elective (advanced)	
	Elective (advanced)		Elective	Consult UNT advisor
	Elective	Consult UNT advisor	UNT Core: American History	See list of approved courses

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The College of Science expects students to have completed the Texas State recommended high school program and be ready to enroll in Language 2040 (TCCNS: Language 2311). If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for this degree.

Courses Recommended for Transfer

The UNT Core requirements, with the exception of American History and the College & Major 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 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 (see next column).

UNT Core: Mathematics

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

UNT Core: Life & Physical Sciences

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science major 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; SPCH 2341

UNT Core: Language, Philosophy and Culture

One course chosen from: 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; CRIJ 1301; ECON 2301 or **2302**; GEOG 1303; PSYC 2301; SOCI 1301; SOCW 2361; SPCH 1318; TECA 1354

As a prerequisite to ECON 4440, which is required for the B.S. Ecology for Environmental Science, ECON 2302 is recommended.

UNT Core: Component Area Option Category I

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science major requirement (see next page).

UNT Core: Component Area Option Category II

This requirement will be met by fulfilling the B.S. Ecology for Environmental Science major requirement (see column below).

Ecology for Environmental Science: Communication

ENGL 1301 and 2311

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

ENGL 2311 is required for Ecology for Environmental Science majors

Ecology for Environmental Science: Mathematics

MATH 1342/1442/2342/2442 or MATH 2313/2413/2513 (fulfills both Mathematics core and program requirements)

Ecology for Environmental Science: Major Requirements

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

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

- CHEM 2425 or 2325/2125 (approved substitution)

CHEM 1411 and 1412 fulfill Life & Physical Sciences and CAO Category II core and major requirements.

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

** Both BIOL 1106 and 1107 must be completed in order to substitute for BIOL 1760 (2 hr lab) at UNT.

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Ecology for Environmental Science: Advanced Coursework

No TCCNS options available.

Ecology for Environmental Science: Other Course Requirements

- PHYS 1401 or 1301/1101 or ***PHYS 2425 or 2325/2125
- PHYS 1402 or 1302/1102 or ***PHYS 2426 or 2326/2126
- *PHIL 2500, only at UNT* (satisfies UNT CAO Category I core requirement)
- A minimum 2.5 grade point average in all science and mathematics courses, a minimum 2.5 grade point average on all advanced courses in the division of sciences for graduation.
- Students in the department whose overall science/mathematics or advanced science grade point average drop below the minimum for two consecutive semesters will be removed from the program.
- Only two attempts will be allowed for each biology and biochemistry course in this degree.

*** Approved substitution.

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 Science requirements.

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 Science required curriculum and policies are located in the [Undergraduate Catalog](#).

For additional program and contact information, visit the College of Science Student Advising website at www.cos.unt.edu/advising.