

College of Arts & Sciences

B.S. Ecology for Environmental Science

2015-2016 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	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
FRESHMAN	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 1680/1681 or MATH 1710	MATH 1342/1442/2342/2442 or MATH 2313/2413/2513	UNT Core: Discovery	See list of approved courses
* Both BIOL 1106 and 1107 must be completed in order to substitute for BIOL 1760 (2 hr lab) at UNT.				

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SOPHOMORE	UNT Core: Government/Political Science	See list of approved courses	BIOL 2251	None
	CHEM 2370/3210#	CHEM 2423 or 2123/2323	CHEM 2380/3220#	CHEM 2425 or 2125/2325
	PHYS 1410/1430 or PHYS 1510#/1530#	PHYS 1401 or 1301/1101 or PHYS 2425 or 2325/2125	PHYS 1420/1440 or PHYS 1520#/1540#	PHYS 1402 or 1302/1102 or PHYS 2426 or 2326/2126
	PHIL 2500	None	UNT Core: Government/Political Science	See list of approved courses
	BIOL 2140			

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	BIOL 4503/4504 or 4505/4510	None	BIOL 4260	None
	BIOL 4051/4052		ECON 4440	
	BIOL 3451/3452	See list of approved courses	UNT Core: American History	See list of approved courses
	UNT Core: Social and Behavioral Science	See list of approved courses	UNT Core: Creative Arts	See list of approved courses
	UNT Core: American History	See list of approved courses		

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SENIOR	BIOL Elective (advanced)	None	BIOL Elective (advanced)	None
	BIOL Elective (advanced)		BIOL Elective (advanced)	
	GEOG 3500		UNT Core: Capstone	
	Elective (advanced)	Consult UNT advisor	Elective (advanced)	Consult UNT advisor
	Elective	Consult UNT advisor	Elective	Consult UNT advisor

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The College of Arts and Sciences 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 Government/Political Science, 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 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 (see next page).

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 page).

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

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

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; 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: Discovery

One course chosen from: ARTS 1301; BIOL/HECO 1322; COMM 1307; MATH 2305 or 2405; SPCH 1311 or 1315; TECA 1303

UNT Core: Capstone

The Capstone Core requirement is unique to UNT and will be fulfilled by an advanced course at UNT.

Note: The Core Capstone courses are under review by the Texas Higher Education Coordinating Board, and are subject to change.

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 Biology majors however, students who have completed ENGL 1302 prior to attending UNT may substitute this course for ENGL 2311

Ecology for Environmental Science: Mathematics

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

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

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 both Life & Physical Sciences 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 Core Language, Philosophy and Culture requirement)
- A minimum 2.5 grade point average is required on all advanced courses in the division of sciences for graduation. A minimum of a 2.5 cumulative UNT grade point average and 2.5 cumulative overall grade point average are required for graduation.
- Students in the department whose UNT or overall grade point average drop below 2.5 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 Arts and Sciences 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 Arts and Sciences required curriculum and policies are located in the [Undergraduate Catalog 2015-2016](#).

For additional program and contact information, see the College of Arts and Sciences Student Advising website: www.cas.unt.edu/advising