

# College of Science

## B.A. Biology

### 2018-2019 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	
FRESHMAN	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
	BIOL 1710/BIOL 1760#	BIOL 1406 or 1306/1106*	BIOL 1720	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: Component Area Option	<a href="#">See list of approved courses</a>
* 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.				

YEAR	FALL SEMESTER		SPRING SEMESTER	
SOPHOMORE	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
	CHEM 2370/3210#	CHEM 2423 or 2323/2123	CHEM 2380/3220#	CHEM 2425 or 2325/2125
	COS Core: Breadth Requirement	Consult UNT advisor	COS Core: Breadth Requirement	Consult UNT advisor
	BIOL (2000 level)	<a href="#">See list of approved courses</a>	BIOL (2000 level)	<a href="#">See list of approved courses</a>
	PSCI 2305	GOVT 2305	PSCI 2306	GOVT 2306
	UNT Core: Social and Behavioral Sciences	<a href="#">See list of approved courses</a>	UNT Core: Language, Philosophy and Culture	<a href="#">See list of approved courses</a>

YEAR	FALL SEMESTER		SPRING SEMESTER	
JUNIOR	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
	BIOL 3451/3452	None	PHYS 1420/1440 or PHYS 1520#/1540#	PHYS 1402 or 1302/1102***
	Advanced BIOL Elective		BIOL 3510/3520	None
	PHYS 1410/1430 or PHYS 1510#/1530#	PHYS 1401 or 1301/1101***	UNT Core: Creative Arts	<a href="#">See list of approved courses</a>
	UNT Core: American History	<a href="#">See list of approved courses</a>	UNT Core: American History	<a href="#">See list of approved courses</a>
** Additional options/approved substitutions: PHYS 2425 or 2325/2125 substitutes for PHYS 1410/1430; PHYS 2426 or 2326/2126 substitutes for PHYS 1420/1440				

YEAR	FALL SEMESTER		SPRING SEMESTER	
SENIOR	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
	Advanced Physiology w/ Lab	None	Advanced BIOL Elective	None
	CHEM (advanced)		Advanced BIOL Elective	
	Elective (advanced)		Elective (advanced)	
	UNT Core: Component Area Option	<a href="#">See list of approved courses</a>	Elective (advanced)	
	COS Core: Breadth Requirement	Consult UNT advisor	COS Core: Breadth Requirement	Consult UNT advisor

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Students may not declare a major within the College of Science until they have completed MATH 1100 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 office for assistance.

The College of Science encourages students to explore teaching at the secondary level as a career option. Students seeking secondary teacher certification should contact the Teach North Texas Program in the College of Science.

#### 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

This requirement will be met by fulfilling the B.A. Biology Communication requirement (see next page).

##### UNT Core: Mathematics

This requirement will be met by fulfilling by fulfilling the B.A. Biology major mathematics requirement (see next page).

##### UNT Core: Life & Physical Sciences

This requirement will be met by fulfilling the B.A. Biology 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

##### UNT Core: Component Area Option

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

**Option A:** ANTH 2346, 2351, or 2401; ARTS 1301 or 1304; ASTR 1403 or 1404; BIOL 1408 or 1413, or 2406; COMM 1307; CRIJ 1301; DRAM 1310; ECON 2301 or 2302; ENGL 1301, 1302, 2311, 2332, or 2333; HECO 1322; GEOG 1303; GEOL 1401 or 1403; HIST 1301, 1302, 2321, or 2322; MATH 1316, 1324, 1325 or 1425, 1332, 1342 or 1442 or 2342 or 2442, 1350, 2305 or 2405, 2312 or 2412, 2313 or 2413 or 2513; MUSI 1306 or 1307; PHIL 1301, 1304, 2303, 2306, or 2316; PHYS 1403, 1404, 1410, or 1415; PSYC 2301; SOCI 1301; SOCW 2361; SPCH 1315, 1318 or 2341; TECA 1354

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

##### College of Science Core: Breadth Requirement

Students pursuing the Bachelor of Arts must complete four classes (minimum 3 hours each) from classes outside of the College of Science. These classes may not be simultaneously applied to University Core Curriculum requirements.

Students are encouraged to use these 12 hours to add value to their degree by applying them to a certificate, minor or second major that will support their goals, in consultation with the COS Office of Student Advising.

This requirement will be deemed complete for Bachelor of Arts students who attain any foreign language 2311 and 2312. Courses must be taken in the same language.

NOTE: Prerequisites for foreign language 2311 and 2312 courses are 1311 and 1312 or 1411 and 1412 or 1511 and 1512. Placement exams may be available; see your community college academic advisor for details. Students who graduated from a high school outside the United States at which English was not the primary language should ask the COS Office of Student Advising about eligibility for waiving this requirement.

##### B.A. Biology: 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*

##### B.A. Biology: Major Requirements

- BIOL 1406 or 1306/1106\*
- BIOL 1407 or 1307/1107\*

The courses listed above must be completed with a grade of "C" or higher.

The BIOL courses listed above fulfill both Life & Physical Sciences core and major requirements.

*\* 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.*

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#### B.A. Biology: Major Requirements (cont.)

##### 2000 Level Biology Courses

- BIOL 2401 and 2402 or 2301/2101 and 2302/2102 (only counts toward the B.A. Major in Biology; all 8 hours count as one course)
- BIOL 2421 or 2321/2121

Additional 2000 level biology course options available at UNT.

The courses listed above must be completed with a grade of "C" or higher

##### Advanced Biology Courses

No TCCNS options available

*Courses listed above are TCCNS options and do not include all courses required for the UNT Biology major.*

#### B.A. Biology: Other Course Requirements

- PHYS 1401 or 1301/1101 or 2425 or 2325/2125 (approved substitution)
- PHYS 1402 or 1302/1102 or 2426 or 2326/2126 (approved substitution)
- MATH 1342, 1442, 2342, 2442, 2313, 2413, or 2513 (fulfills both Mathematics core and program requirements) (C or higher)
- CHEM 1411 or 1311/1111 (C or higher)
- CHEM 1412 or 1312/1112 (C or higher)
- CHEM 2423 or 2323/2123 (approved substitution) (C or higher)
- CHEM 2425 or 2325/2125 (approved substitution)

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 grade point average in all science/mathematics courses grade point average and a minimum 2.0 UNT and overall (UNT and transfer) grade point average is required for graduation.

Students in the department whose overall science/mathematics grade point average or advanced sciences 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 and biochemistry course in this degree.

#### Teacher Certification Option

The College of Science encourages students to explore teaching at the secondary level as a career option. A higher GPA may be required for the certification option. For more information contact your advisor.

#### 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 Arts 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](http://www.cos.unt.edu/advising).