

# College of Science

## B.A. Biology

### 2019-2020 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 1760#	BIOL 1406 or 1306/1106*	BIOL 1720	BIOL 1407 or 1307/1107*
	CHEM 1410/1430	CHEM 1411 or 1311/1111	CHEM 1420/1440	CHEM 1412 or 1312/1112
	ENGL 1310	ENGL 1301	TECM 2700	ENGL 2311
	MATH 1650 or 1680	MATH 2312 or 2412 or MATH 1342 or 1442 or 2342 or 2442	MATH 1710** or Elective	MATH 2313 or 2413 or 2513
			UNT Core: Creative Arts	<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. ** If MATH 1680 was used to complete the Foundation course requirement, it also satisfies the major requirement.				

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SOPHOMORE	CHEM 2370/3210#	CHEM 2423 or 2323/2123	CHEM 2380/3220#	CHEM 2425 or 2325/2125
	COS Core: Breadth Requirement or LANG 2040	Consult UNT advisor	COS Core: Breadth Requirement or LANG 2050	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	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	BIOL 3451/3452	None	PHYS 1420/1440 or PHYS 1520#/1540#	PHYS 1402 or 1302/1102 or PHYS 2426 or 2326/2126
	Advanced BIOL Elective		BIOL 3510/3520	None
	PHYS 1410/1430 or PHYS 1510#/1530#	PHYS 1401 or 1301/1101 or PHYS 2425 or 2325/2125	COS Core: Breadth Requirement or Elective	Consult UNT advisor
	UNT Core: American History	<a href="#">See list of approved courses</a>	UNT Core: American History	<a href="#">See list of approved courses</a>

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SENIOR	Advanced Physiology w/ Lab	None	Advanced BIOL w/ Lab	None
	CHEM (advanced)		Elective (advanced)	
	Elective (advanced)		CHEM (advanced) or Elective (advanced)	
			Elective	Consult UNT advisor
	Elective (advanced)		COS Core: Breadth Requirement or Elective	Consult UNT advisor

# College of Science

## B.A. Biology

### 2019-2020 Texas Common Course Numbering System Transfer Guide



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 Center 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

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.A. in Biology (see next column).*

##### UNT Core: Mathematics

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

##### 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: ARTS 1303; 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

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

##### 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 Advising Center.

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 Advising Center about eligibility for waiving this requirement.

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

##### 1000 Level Biology Courses:

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

*\* 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.*

##### 2000 Level Biology Courses

- BIOL 2401 and 2402 or 2301/2101 and 2302/2102 (all 8 hours count as one course)
- BIOL 2421 or 2321/2121

Additional 2000 level biology course options available at UNT.

##### Chemistry Courses:

- CHEM 1411 or 1311/1111
- CHEM 1412 or 1312/1112
- CHEM 2423 or 2323/2123 (approved substitution)

# College of Science

## B.A. Biology

### 2019-2020 Texas Common Course Numbering System Transfer Guide



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

##### Mathematics Courses:

- MATH 2312 or 2412 or MATH 1342 or 1442 or 2342 or 2442

BIOL 1406, BIOL 1407, CHEM 1411, and CHEM 1412 also fulfill the Life & Physical Sciences and Component Area Option core requirements.

MATH 2312 and 1342 also fulfill the Mathematics core requirement.

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

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

##### Additional 2000 Level Biology Courses

- BIOL 2401 and 2402 or 2301/2101 and 2302/2102 (all 8 hours count as one course)
- BIOL 2421 or 2321/2121

Additional 2000 level biology course options available at UNT.

##### 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: Minor in Chemistry (Required)

Completion of the Chemistry in the Foundation, plus:

- CHEM 2425 or 2325/2125 (approved substitution)

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

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

- ENGL 2311 (also fulfills part of the Communications core requirement) (C or better)
- 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 (If MATH 1342 or 1442 or 2342 or 2442 was used to complete the Foundation course requirement, it also satisfies the major requirement.
- A minimum 2.5 grade point average and a C or better in Foundation courses, a C or better in all advanced courses counting toward major requirements, and a minimum 2.0 UNT and overall (UNT and transfer) grade point average is required for graduation.
- Students in the department whose Foundation or overall grade point average drop below the minimum GPA 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 36 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).