## B.A. Biology Secondary Education Certification in Life Science (7-12)

### 2021-2022 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
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**FRESHMAN** | **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
| BIOL 1710/1760# | 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
| MATH 1650 or 1680 | MATH 2312 or 2412 or 1342 or 1442 | ENGL 1310 | ENGL 1301
| TNTX 1100* | None | TNTX 1200* | None

* Students must be admitted to Teach North Texas Program prior to enrolling in certain Education courses.

** 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.

### Sophomore Year | Fall Semester | Spring Semester
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| **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
| CHEM 2370/3210# | CHEM 2423 or 2323/2123 | CHEM 2380/3220# | CHEM 2425 or 2325/2125
| UNT Core: Creative Arts | [See list of approved courses](#) | EDCI 4000* | None
| BIOL 2041/2042 | BIOL 2421 or 2321/2121 | BIOL 3451/3452 | None
| EDCI 3500* | None | EDCI 4060 | None
| TECM 2700 | ENGL 2311 | UNT Core: Social and Behavioral Sciences | [See list of approved courses](#)

### Junior Year | Fall Semester | Spring Semester
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| **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
| BIOL course (2000 level) | None | Elective | Consult UNT advisor
| BIOC 3621/3622 | Advanced Physiology w/ Lab | None | None
| UNT Core: American History | [See list of approved courses](#) | UNT Core: American History | [See list of approved courses](#)
| PSCI 2305 | GOVT 2305 | PSCI 2306 | GOVT 2306
| PHYS 1510#/1530# | PHYS 2425 or 2325/2125 | PHYS 1520#/1540# | PHYS 2426 or 2326/2126

### Senior Year | Fall Semester | Spring Semester
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| **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
| Advanced BIOL Elective | None | EDCI 4628* (Student Teaching Seminar) | None
| BIOL 4700 | EDCI 4608* (Student Teaching I) | EDCI 4618* (Student Teaching II) | None
| BIOL 3510/3520 | EDCI 4600* | EDCI 4618* (Student Teaching II) | None
| EDCI 4500* | EDCI 4608* (Student Teaching I) | EDCI 4618* (Student Teaching II) | None
| UNT Core: Language, Philosophy and Culture | [See list of approved courses](#) | None | None

[http://registrar.unt.edu/transfer-guides](http://registrar.unt.edu/transfer-guides)

Last Revised: September 17, 2021
Students may not declare a major within the College of Science until they have completed MATH 1100 (MATH 1314 or 1414), or 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 options 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 or 1307; SPCH 2341

**UNT Core: Language, Philosophy and Culture**
One course chosen from: ARTS 1303; ENGL 2321, 2326, 2331, 2332, 2333, 2341, and 2351; 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 or 2330; 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.

This requirement will be deemed complete for Bachelor of Arts students that complete the Teach North Texas program.

**B.A. Biology with Teacher Certification: 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 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)

**Mathematics Course:**
- MATH 2312 or 2412 or 1342 or 1442

Biol 1406, BIOL 1407, CHEM 1411, and CHEM 1412 also fulfill the Life & Physical Sciences and the 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 B.A. Biology major.

[http://registrar.unt.edu/transfer-guides](http://registrar.unt.edu/transfer-guides)
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 Advising Center website at [www.cos.unt.edu/advising](http://www.cos.unt.edu/advising).