Entering students interested in majoring in biology will be classified as pre-majors and will be advised by the department. Admission to the university does not guarantee admission to the major.

To be admitted to the major (and be eligible to enroll in advanced biology courses), a pre-major must meet all the requirements listed in “Admission to the Major” below.

The College of Arts and Sciences 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 Arts and Sciences.

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) and a college level mathematics course. 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

### UNT Core: English Composition & Rhetoric
This requirement will be met by fulfilling the B.S. Biology English Composition & Rhetoric requirement (see next page).

### UNT Core: Mathematics
This requirement will be met by fulfilling the B.S. Biology major mathematics requirement (see page two).

### UNT Core: Natural Science
This requirement will be met by fulfilling the B.S. Biology major requirements (see page two).

### UNT Core: U.S. History
Two courses chosen from: HIST 1301, 1302, 2301

### UNT Core: Political Science
Two courses chosen from one of the following combinations:
- GOVT 2301 and 2302
- GOVT 2305 and 2306
- GOVT 2301 and 2305
- GOVT 2301 and 2306
- GOVT 2302 and 2306

### UNT Core: Visual & Performing Arts
One course chosen from: ARTS 1301, 1303, or 1304; DRAM 1310; MUSI 1306 or 1307; SPCH 2341

### UNT Core: Humanities
One course chosen from: ENGL 2322, 2323, 2327, 2328, 2332, or 2333; PHIL 1304 or 2316

### UNT Core: Social & Behavioral Sciences
One course chosen from: ANTH 2346 or 2351; COMM 1307; CRJ 1301; ECON 2301 or 2302; HUMA 2323; PSYC 2301; SOCI 1301; SPCH 1318; TECA 1354

### UNT Core: Discovery
One course chosen from: ARTS 1301; BIOL/HECO 1322; GEOG 1303; HIST 2321 or 2322; PHIL 1301, 2303, or 2306; 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.

### College of Arts & Sciences Core: Foreign Language (Option 1)
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.

### Biology: Foreign Language (Option 2)
Complete three courses from approved options at UNT. A student who wishes to fulfill the foreign language requirement by this option must first be counseled by an undergraduate advisor of the Department of Biological Sciences at UNT and must obtain written approval of Option II for B.S. Biology major for inclusion in the student’s degree plan.
# B.S. Biology: Admission to the Major

College Admissions Requirements: Entering transfer students interested in majoring in Biology must first apply to be a pre-major.

- Complete at least 30 hours of college courses
- Have at least a 2.5 UNT GPA
- Have at least a 2.5 overall GPA
- Have at least 2.5 GPA on required biology and chemistry courses listed below.
- College of Arts & Sciences Core Mathematics Requirement, choose from: Math 2312 or 2412 with a grade of C or better;
- College of Arts & Sciences Core Laboratory Sciences: BIOL 1406 or 1106/1306, BIOL 1407 or 1107/1307 and two selections from BIOL 2321 & BIOL 2121 or 2421, 2140 (UNT only), 2241 (UNT only), 2251 (UNT only), each with a grade of C or better;
- Chemistry: CHEM 1411 or 1311 & 1111, 1412 or 1312 & 1112, and 2423 or 2123/2323 (approved substitution) each with a grade of C or better.
- A minimum UNT 2.5 grade point average and an overall 2.5 grade point average are required to enter the department as a pre-major or major (beginning freshmen are exempt).

## B.S. Biology: Other Course Requirements

Only TCCNS options are shown:

- ENGL 2311 (fulfills both a portion of the English Composition & Rhetoric core requirement and program requirements)
- PHYS 1401 or 1101/1301
- PHYS 1402 or 1102/1302
- MATH 2312, or 2412 (fulfills both Mathematics core and program requirements)
- MATH 2313 or 2413 or 2513
- A minimum 2.5 grade point average must be maintained on all advanced courses in the division of sciences.
- A minimum 2.5 grade point average is 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.

## B.S. Biology: English Composition & Rhetoric

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*

## B.S. Biology: Major Requirements

Only TCCNS options are shown:

- BIOL 1406 or 1106/1306
- BIOL 1407 or 1107/1307
- BIOL 2421 or 2321/2121

BIOL 1406 and 1407 fulfill both Natural Science core and major requirements.

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

## B.S. Biology: Minor in Chemistry (Required)

Minor of 20 hours in Chemistry is required.

TCCNS Options:

- CHEM 1411 or 1111/1311
- CHEM 1412 or 1112/1312
- CHEM 2423 or 2123/2323 (approved substitution)
- CHEM 2425 or 2125/2325 (approved substitution)

CHEM 1411 and 1412 fulfill both Natural Science core and program requirements.

http://essc.unt.edu/registrar/articulation/
### Fall Semester | Spring Semester
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**FRESHMAN**
- UNT Requirement |
- TCCNS Option | UNT Requirement |
- TCCNS Option
- BIOL 1710/BIOL 1730 |
- BIOL 1406 or 1106/1306 |
- BIOL 1720/BIOL 1740 |
- BIOL 1407 or 1107/1307
- CHEM 1410/CHEM 1430 |
- CHEM 1411 or 1111/1311 |
- CHEM 1420/CHEM 1440 |
- CHEM 1412 or 1112/1312
- ENGL 1310 |
- ENGL 1301 |
- TECM 2700 |
- ENGL 2311
- MATH 1710 |
- MATH 2313 or 2413 or 2513 |
- UNT Core: Discovery |
- See list of approved courses

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### Sophomore

**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
- Foreign Language 2040 |
- Foreign Language 2311 |
- Foreign Language 2050 |
- Foreign Language 2312
- BIOL course (2000 level) |
- None |
- UNT Core: Political Science |
- See list of approved courses
- UNT Core: Political Science |
- See list of approved courses |
- Biology course (2000 level) |
- None

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### Junior

**JUNIOR**

- UNT Requirement |
- TCCNS Option | UNT Requirement |
- TCCNS Option
- UNT Core: U.S. History |
- See list of approved courses |
- UNT Core: U. S. History |
- See list of approved courses
- PHYS 1410/1430 |
- PHYS 1401 or 1101/1301 |
- PHYS 1420/1440 |
- PHYS 1402 or 1102/1302
- BIOL 3510/3520 |
- None |
- UNT Core: Visual and Performing Arts |
- See list of approved courses
- BIOL 3451/3452 |
- Phys 1420/1440 |
- Phys 1402 or 1102/1302 |
- None
- Physiology Course with Laboratory |
- None

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### Senior

**SENIOR**

- UNT Requirement |
- TCCNS Option | UNT Requirement |
- TCCNS Option
- Biology (advanced, with laboratory) |
- None |
- Biology (advanced, with lab) |
- None
- Biology (advanced) |
- None |
- Biology (advanced) |
- None
- Chemistry (advanced) |
- UNT Core: Capstone |
- Chemistry (advanced) |
- Elective (advanced)