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" on page two.

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) or 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.A. Biology English Composition & Rhetoric requirement (see next column).

#### UNT Core: Mathematics

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

#### UNT Core: Natural Science

This requirement will be met by fulfilling the B.A. 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; CRIJ 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 1302 or 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

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.

#### B.A. Biology: Admission to the Major

To be admitted to a Bachelor of Arts major in Biology program, the student must have:

- completed at least 30 hours of college-level course work
- Biology Core Courses: BIOL 1406 or 1106/1306, BIOL 1407 or 1107/1307, and two selections from BIOL 2421 or BIOL 2121/2321, BIOL 2401 or 2101/2301 and BIOL 2402 or 2102/2302, 2140 (UNT only), 2241 (UNT only), and 2251 (UNT only), all with a grade of C or higher.
- Chemistry Core Courses: CHEM 1411 or 1111/1311, CHEM 1412 or 1112/1312, and CHEM 2423 or 2123/2323 (approved substitution) with a grade of C or higher.
- completed MATH 2312 or 2412 or MATH 1342 or 1442 or 2342 with a grade of C or better.
- earned at least a 2.5 grade point average on the required biology and chemistry courses listed above and earned a minimum 2.5 overall grade point average.
- 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.A. 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

http://essc.unt.edu/registrar/articulation/
B.A. Biology: Major Requirements

- BIOL 1406 or 1106/1306
- BIOL 1407 or 1107/1307
- BIOL 2401 or 2101/2301
- BIOL 2402 or 2102/2302
- BIOL 2421 or 2321/2121

The BIOL courses listed above 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.A. Biology: Advanced Coursework

No TCCNS options available

B.A. Biology: Other Course Requirements

TCCNS Options:

- PHYS 1401 or 1101/1301
- PHYS 1402 or 1102/1302
- MATH 1342 or 1442 or 2313 or 2413 or 2513 (fulfills both Mathematics core and program requirements)
- CHEM 1411 or 1111/1311
- CHEM 1412 or 1112/1312
- CHEM 2423 or 2123/2323 (approved substitution)
- CHEM 2425 or 2125/2325 (approved substitution)
- A minimum 2.5 grade point average must be maintained on all advanced courses in the division of sciences. A minimum of a 2.5 overall 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.
- A grade of C or higher is required for all science and mathematics courses.

CHEM and PHYS courses fulfill both Natural Science core and program requirements.

Teacher Certification Option

The College of Arts and Sciences 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 the College of Arts and Sciences Office of Student Advising at 940-565-2051.
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.

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<th>Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<td>BIOL 1406 or 1106/1306</td>
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<td>CHEM 1410/CHEM 1430</td>
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Last Revised: February 1, 2013