**UNT courses noted (#) do not have TCCNS equivalents, but have approved transferable substitutions.**

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Semester</th>
<th>Spring Semester</th>
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<tbody>
<tr>
<td></td>
<td>UNT Requirement</td>
<td>TCCNS Option</td>
</tr>
<tr>
<td>FRESHMAN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ENGL 1310</td>
<td>ENGL 1301</td>
<td>ENGL 1320 or TECM 2700</td>
</tr>
<tr>
<td>CHEM 1410/1430</td>
<td>CHEM 1411 or 1311/1111</td>
<td>CHEM 1420/1440</td>
</tr>
<tr>
<td>TNTX 1100* (1 hr)</td>
<td>None</td>
<td>TNTX 1200* (2 hrs)</td>
</tr>
<tr>
<td>MATH 1710</td>
<td>MATH 2313 or 2413 or 2513</td>
<td>UNT Core: American History</td>
</tr>
<tr>
<td>Elective</td>
<td>Consult UNT advisor</td>
<td></td>
</tr>
</tbody>
</table>

* Students must be admitted to Teach North Texas Program prior to enrolling in certain Education courses.*
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 ENGL 1302 or 2311
  A grade of 'C' or better is required on courses applied toward this requirement.

**UNT Core: Mathematics**
- This requirement will be met by fulfilling the B.A. Chemistry major mathematics requirement (see next page).

**UNT Core: Life & Physical Sciences**
- This requirement will be met by fulfilling the B.A. Chemistry 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**
- This requirement will be met by fulfilling the Teach North Texas requirements (see next page).

**UNT Core: Social & Behavioral Sciences**
- One course chosen from: ANTH 2346 or 2351; COMM 1307; CRJ 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. Chemistry major requirements (see next page).

**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. Chemistry: Major requirements**
- CHEM 1411 or 1311/1111
- CHEM 1412 or 1312/1112
- CHEM 2423 or 2323/2123 (approved substitution)
- CHEM 2425 or 2325/2125 (approved substitution)

- CHEM 1411 and 1412 also fulfill the Life & Physical Sciences core requirement.

**Advanced Chemistry Courses**
- No TCCNS options available

Courses listed above are TCCNS options and do not include all courses required for the UNT B.A. Chemistry major.
B.A. Chemistry: Additional Course Requirements

- MATH 2313 or 2413 or 2513 (also fulfills the Mathematics core requirement)
- MATH 2314 or 2414
- PHYS 2425 or 2325/2125 (also fulfills the Component Area Option core requirement)
- PHYS 2426 or 2326/2126 (also fulfills the Component Area Option core requirement)

Courses listed above are TCCNS options and do not include all courses required for the UNT Chemistry Major.

Teach North Texas Program: Minor requirements

Students must complete the required 22 hours for the minor in mathematics and science secondary teaching and meet all GPA requirements to apply for state certification. Students should contact the Teach North Texas program for more information on enrolling in the certification courses. No TCCNS options available for Teach North Texas requirements.

A 2.75 GPA is required on all courses counting toward the Teach North Texas minor, see current UNT Undergraduate Catalog for all minor requirements.

PHIL 2600, offered only at UNT, is required for the Teach North Texas Program and will also fulfill the Language, Philosophy, and Culture core requirement.

Certification Exam (TExES) Information

To be certified to teach in the State of Texas, the student must successfully pass the following exams:

Exam #1  TExES: Pedagogy & Professional Responsibilities (EC-12)

Exam #2  TExES: Physical Science (6-12)

Additional Requirements for Teacher Certification in Physical Science include a 2.5 overall GPA (including all transferred courses), a 2.5 UNT GPA and a 2.5 major GPA.

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 under the corresponding catalog year.

For additional program and contact information, visit the College of Science Student Advising website at www.cos.unt.edu/advising.

http://registrar.unt.edu/transfer-guides Last Revised: May 21, 2019