Courses Recommended for Transfer

UNT Core: English Composition & Rhetoric
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.S. Chemistry mathematics requirement (see next column).

UNT Core: Natural Science
This requirement will be met by fulfilling the B.S. Chemistry major requirements (see next column).

UNT Core: U.S. History
Two courses chosen from: HIST 1301, 1302, 2301, 2327, 2328, 2381

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 2302 and 2306

UNT Core: Visual & Performing Arts
One course chosen from: ARCH 1301, 1302; ARTS 1301 or 1304; COMM 2366; DRAM 1310, 2361, 2362, 2363, 2366, 2367; DANC 2303, 2304; HUMA 1315; MUSI 1306, 1307, 1308, 1309

UNT Core: Humanities
One course chosen from: ENGL 2321, 2322, 2323, 2326, 2327, 2328, 2331, 2332, 2333, 2341, 2342, 2343, 2351; HUMA 1301, 1302; PHIL 1301, 2303, 2306, 2316, or 2317

UNT Core: Social & Behavioral Sciences
One course chosen from: ANTH 2346, 2351; CRJ 1301; ECON 1301, 2301, 2302; GEOG 1302; HUMA 2323; PSYC 2301; SOCI 1301, 1306; TECA 1354

UNT Core: Understanding the Human Community
Two courses chosen from:

- Foreign Language (ARAB, CHIN, FREN, GERM, ITAL, JAPN, PORT, RUSS, SPAN): 1311/1411/1511, 1312/1412/1512, 2311, 2312
- ARTS 1303
- BIOL/HECO 1322
- BIOL 1323
- COMM 1307
- DANC 1305
- DANC 1306
- GEOG 1303
- HIST 2321
- HIST 2322
- HUMA 2319
- MUSI 1310
- PHIL 1304
- SOCI 2319
- SOCI 2320
- SPCH 1311
- SPCH 1315
- SPCH 1318
- SPCH 1321
- SPCH 2341
- TECA 1303
- TECA 1318

B.S. Chemistry: Major requirements

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 major requirements.

B. S. Chemistry: Other Course Requirements

- MATH 2313 or 2413 or 2513 (fulfills both Mathematics core and major requirements)
- MATH 2314 or 2414
- MATH 2315 or 2415
- MATH 2318 or 2418
- PHYS 2425 or 2125/2325
- PHYS 2426 or 2126/2326

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

http://essc.unt.edu/registrar/articulation/ Last Revised: January 7, 2011
College of Arts & Sciences

B.S. Chemistry

2010-2011 Texas Common Course Numbering System Transfer Guide

Special Notes

Hours Required and General/College Requirements:
A minimum of 120 semester hours, of which 42 must be advanced, and fulfillment of degree requirements for the Bachelor’s degree as specified in the “General University Requirements” in the Academics section of this catalog and the College of Arts and Sciences requirements (excluding foreign language and natural and life sciences). The laboratory science requirement is satisfied only by physical sciences.

GPA of 2.5 on all advanced courses attempted in science and engineering courses (biochemistry, biology, chemistry, computer science, engineering, mathematics, physics).

Minor: At least 18 hours in mathematics, computer science, physics, biology or geology (if taken as a laboratory science), of which 6 must be advanced.

UNT Core Curriculum: Complies with the mandates of the 1997 Texas Legislature regarding requirements for state-assisted institutions. 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 Arts & Sciences required curriculum and policies are located in the Undergraduate Catalog 2010-2011.

For additional program and contact information see the College of Arts and Sciences Student Advising website:
http://www.cas.unt.edu/advising

http://essc.unt.edu/registrar/articulation/ Last Revised: January 7, 2011
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2010-2011 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 year 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.

<table>
<thead>
<tr>
<th>YEAR</th>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
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<tbody>
<tr>
<td>FRESHMAN</td>
<td><strong>UNT Requirement</strong></td>
<td><strong>TCCNS Option</strong></td>
</tr>
<tr>
<td>ENGL 1310 or 1313</td>
<td>ENGL 1301</td>
<td>ENGL 1320 or 1323 or TECM 2700</td>
</tr>
<tr>
<td>CHEM 1410/1430 or CHEM 1412#/1430 or CHEM 1413#/1430</td>
<td>CHEM 1411 or 1311/1111</td>
<td>CHEM 1420/1440 or CHEM 1422#/1440 or CHEM 1423#/1440</td>
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<tr>
<td>MATH 1710</td>
<td>MATH 2313 or 2413 or 2513</td>
<td>MATH 1720</td>
</tr>
<tr>
<td>UNT Core: Understanding the Human Community</td>
<td>See list of approved courses</td>
<td>UNT Core: Social &amp; Behavioral Sciences</td>
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<table>
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<tr>
<th>SOPHOMORE</th>
<th><strong>UNT Requirement</strong></th>
<th><strong>TCCNS Option</strong></th>
<th><strong>UNT Requirement</strong></th>
<th><strong>TCCNS Option</strong></th>
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<tbody>
<tr>
<td>CHEM 2370/3210#</td>
<td>CHEM 2423 or 2123/2323</td>
<td>CHEM 2380/3220#</td>
<td>CHEM 2425 or 2125/2325</td>
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<tr>
<td>UNT Core: U.S. History</td>
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<td>UNT Core: U.S. History</td>
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<tr>
<td>MATH 2730</td>
<td>MATH 2315 or 2415</td>
<td>Minor</td>
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<tr>
<td>Elective (advanced)</td>
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<td>UNT Core: Humanities</td>
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<td>See list of approved courses</td>
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<th>JUNIOR</th>
<th><strong>UNT Requirement</strong></th>
<th><strong>TCCNS Option</strong></th>
<th><strong>UNT Requirement</strong></th>
<th><strong>TCCNS Option</strong></th>
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<tr>
<td>CHEM 3451/3452</td>
<td>None</td>
<td>CHEM 3520/3240</td>
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<tr>
<td>CHEM 3510/3230</td>
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<tr>
<td>MATH 2700</td>
<td>MATH 2318 or 2418</td>
<td>Elective (advanced)</td>
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<td>PHYS 2425 or 2325/2125</td>
<td>Minor</td>
<td>Consult UNT advisor</td>
<td></td>
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<tr>
<td>Minor (advanced)</td>
<td>Consult UNT advisor</td>
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<th><strong>UNT Requirement</strong></th>
<th><strong>TCCNS Option</strong></th>
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<tbody>
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<td>CHEM 4610</td>
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<td>CHEM 4620</td>
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<td>CHEM (4000 level) or BIOC 4540</td>
<td>CHEM 4631/4632</td>
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<td>PHYS 2220/2240</td>
<td>PHYS 2426 or 2326/2126</td>
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<td>Minor (advanced)</td>
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</tr>
<tr>
<td>Minor (advanced)</td>
<td>None</td>
<td>Consult UNT advisor</td>
<td></td>
<td></td>
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</tbody>
</table>