The Department of Biological Sciences offers a Bachelor of Science in Medical Laboratory Sciences in affiliation with schools of clinical laboratory science (medical technology) that are approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), in cooperation with the Commission on Accreditation of Allied Health Education Programs. (A full list of these schools can be found in the UNT 2014-2015 Undergraduate Catalog.)

Courses Recommended for Transfer
The UNT Core requirements, with the exception of American History and Government/Political Science, and the College & Major 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
This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences Communication requirement (see next column).

B.S. Medical Laboratory Sciences: Communication
- ENGL 1301 and 2311
- A grade of 'C' or better is required on courses applied toward this requirement.
- ENGL 2311 is required for Medical Laboratory Sciences majors however, students who have completed ENGL 1302 prior to attending UNT may substitute this course for ENGL 2311

### UNT Core: Mathematics
This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences mathematics requirement (see next column).

The Capstone Core requirement is unique to UNT and will be fulfilled by an advanced course at UNT.

Note: The Core Capstone courses are under review by the Texas Higher Education Coordinating Board, and are subject to change.

### UNT Core: Life & Physical Sciences
This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements (see next column).

B.S. Medical Laboratory Sciences: Major Requirements
- BIOL 1406 or 1106/1306
- BIOL 2421 or 2321/2121
- CHEM 1411 or 1111/1311
- CHEM 1412 or 1112/1312
- ENGL 2311 (fulfills both a portion of the core Communications requirement and program requirements)
- MATH 1342 or 2342 or 2442 (fulfills both core Mathematics and major requirements)

### UNT Core: American History
Two courses chosen from: HIST 1301, 1302, 2301

B.S. Medical Laboratory Sciences: Advanced Coursework
No TCCNS options available.

- BIOL 2305 and 2306

### 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: ENGL 2332 or 2333; 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; CRJ 1301; ECON 2301 or 2302; GEOG 1303; PSYC 2301; SOCI 1301; SPCH 1318; TECA 1354

### UNT Core: Discovery
One course chosen from: ARTS 1301; BIOL/HECO 1322; COMM 1307; MATH 2305 or 2405; SPCH 1311 or 1315; TECA 1303

Courses listed above are TCCNS options and do not include all courses required for the UNT B.S. Medical Laboratory Sciences major.
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 of Science degree as specified in the General University Requirements section of the UNT catalog and the College of Arts and Sciences 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 Arts & Sciences required curriculum and policies are located in the Undergraduate Catalog 2014-2015.

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

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**Medical Laboratory Sciences: Other Requirements**

- Must maintain a minimum of 2.5 grade point average for upper-division courses in the sciences and an overall 2.5 grade point average.
- A minimum 2.5 UNT and overall (includes transfer) 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.
- A minimum grade of C in all science and mathematics courses.
- Only two attempts will be allowed for each biology and biochemistry course in the degree.
- Students should consider transferring to UNT prior to the end of their sophomore year. For residency requirements student must complete a minimum of 30 credit hours including 24 advanced hours at UNT prior to attending Professional Training.
- **Professional Training:** Students complete a minimum of 88 semester hours at UNT (prior to entering clinical training) and a minimum of 12 months of clinical training (for a minimum of 32 semester hours) at any NAACLS-approved school of medical laboratory science to complete the degree.
- Upon graduation, students are eligible to take national examinations given by the American Society of Clinical Pathologists Board of Certification (ASCPBOC). The ASCPBOC examination is administered by computer several times a year. Upon passing the registry examination, the student is considered a certified medical laboratory scientist. The awarding of the degree is not contingent upon students’ passing the national board examinations.
- Submission to the program director of a transcript evaluation request, including the name of medical technology school(s) where the student is applying.
- Filing, in the program supervisor’s office before leaving campus, the name of an accredited medical technology school to be attended.

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http://registrar.unt.edu/transfer-guides

Last Revised: July 15, 2014
### Table: B.S. Medical Laboratory Sciences 2014-2015 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.

<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>
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<td><strong>FRESHMAN</strong></td>
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<tr>
<td>BIOL 1710/BIOL 1730</td>
<td>BIOL 1406 or 1106/1306</td>
<td>BIOL 2041/BIOL 2042</td>
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<tr>
<td>CHEM 1410/CHEM 1430</td>
<td>CHEM 1411 or 1111/1311</td>
<td>CHEM 1420/CHEM 1440</td>
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<td>ENGL 1310</td>
<td>ENGL 1301</td>
<td>TECM 2700</td>
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<tr>
<td>MATH 1680</td>
<td>MATH 1342/1442/2342/2442</td>
<td>UNT Core: Social and Behavioral Sciences</td>
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<td><strong>SOPHOMORE</strong></td>
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</tr>
<tr>
<td>UNT Core: Discovery</td>
<td>See list of approved courses</td>
<td>UNT Core: Creative Arts</td>
</tr>
<tr>
<td>UNT Core: American History</td>
<td>See list of approved courses</td>
<td>UNT Core: American History</td>
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<tr>
<td>UNT Core: Language, Philosophy and Culture</td>
<td>See list of approved courses</td>
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<tr>
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<td>BIOL 3510/3520</td>
<td>None</td>
<td>BIOL 4201/4202</td>
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<tr>
<td>CHEM 3601/3602</td>
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<td>BIOL 3381/3382</td>
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<td>UNT Core: Capstone</td>
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<td>BIOL (advanced, with laboratory)</td>
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<tr>
<td>BIOL Elective (advanced, with laboratory)</td>
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<td>BIOC 3621 &amp; 3622</td>
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<tr>
<td>MATH 3800/3810</td>
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</table>

### SENIOR YEAR

Before attendance at a school of clinical laboratory science approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), student must apply and be accepted by the school. A minimum of 32 hours of professional medical technology courses during approximately 12 months is required to complete the senior year of this program. Successful completion of the first three years does not guarantee admission into a school of clinical laboratory science. Contact the Medical Laboratory Sciences Program Director (32 hours total).