**College of Science**  
**B.S. Medical Laboratory Sciences**  
**2018-2019 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.

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

### Year | Fall Semester | Spring Semester
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**FRESHMAN** | **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
BIOL 1710/BIOL 1760# | BIOL 1406 or 1306/1106# | BIOL 2041/BIOL 2042 | BIOL 2421 or 2321/2121
CHEM 1410/CHEM 1430 | CHEM 1411 or 1311/1111 | CHEM 1420/CHEM 1440 | CHEM 1412 or 1312/1112
ENGL 1310 | ENGL 1301 | TECM 2700 | ENGL 2311
MATH 1680 | MATH 1342/1442/2342/2442 | **UNT Core: Social and Behavioral Sciences** | See list of approved courses

*You will be required to take BIOL 1760 at UNT unless, prior to transfer, you have completed both BIOL 1106 and 1107 OR both BIOL 1406 and 1407.*

### Year | Fall Semester | Spring Semester
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**SOPHOMORE** | **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
UNT Core: American History | See list of approved courses | BIOL 3381/3382 | None
PSCI 2305 | GOVT 2305 | BIOC 3621/3622 | None
BIOL 3800/4510 | None | PSCI 2306 | GOVT 2306
CHEM 3601/3602 | None | UNT Core: American History | See list of approved courses

### Year | Fall Semester | Spring Semester
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**JUNIOR** | **UNT Requirement** | **TCCNS Option** | **UNT Requirement** | **TCCNS Option**
BIOL 3510/3520 | None | BIOL 4201/4202 | None
MGMT 3720 | None | BIOL (advanced, with laboratory) | None
BIOL (advanced, with laboratory) | None | UNT Core: Language, Philosophy and Culture | See list of approved courses
UNT Core: Creative Arts | See list of approved courses | UNT Core: Component Area Option | See list of approved courses

### SENIOR YEAR
Before attendance at an affiliated 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 Coordinator in the College of Science.

http://registrar.unt.edu/transfer-guides  
Last Revised: May 7, 2018
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 to apply.

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

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

**UNT Core: Life & Physical Sciences**
This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences 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**
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; MUSI 1306; SPCH 2361; SPCH 1318; TECA 1354

**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.

**B.S. Medical Laboratory Sciences: Mathematics**
MATH 1342 or 1442 or 2342 or 2442 (fulfills both core Mathematics and major requirements)

**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

BIOL and CHEM courses above will fulfill core Life & Physical Sciences and part of the Component Area Option requirements.

Courses listed above are TCCNS options and do not include all courses required for the UNT B.S. Medical Laboratory Sciences major.

* You will be required to take BIOL 1760 at UNT unless, prior to transfer, you have completed both BIOL 1106 and 1107 OR both BIOL 1406 and 1407.
### B.S. Medical Laboratory Sciences: Advanced Coursework

No TCCNS options available.

### Medical Laboratory Sciences: Other Requirements

- Must maintain a minimum of 2.5 grade point average for upper-division courses in the sciences.
- 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.
- Must submit appropriate forms to the Medical Laboratory Sciences Coordinator. See the Coordinator in the College of Science for more details.

### 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](http://registrar.unt.edu/transfer-guides) 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](http://registrar.unt.edu/transfer-guides) 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](http://registrar.unt.edu/transfer-guides).

For additional program and contact information, see the College of Science Student Advising website: [www.cos.unt.edu/advising](http://registrar.unt.edu/transfer-guides)