



# College of Science

## B.S. Medical Laboratory Sciences

### 2024-2025 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.

First Year Fall		First Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
BIOL 1710/1760	BIOL 1306/1106 or 1406	UNT Core: Social & Behavioral Sciences	<a href="#">See list of approved courses</a>
CHEM 1410/1430	CHEM 1311/1111 or 1411	BCIS 2610	BCIS 1305 or 1405
ENGL 1310	ENGL 1301	BIOL 2041/2042	BIOL 2321/2121 or 2421
MATH 1680	MATH 1342	CHEM 1420/1440	CHEM 1312/1112 or 1412
		TECM 2700	ENGL 2311

Second Year Fall		Second Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
UNT Core: American History	<a href="#">See list of approved courses</a>	UNT Core: American History	<a href="#">See list of approved courses</a>
UNT Core: Creative Arts	<a href="#">See list of approved courses</a>	BIOC 3621/3622	N/A
CHEM 2370/3210	CHEM 2323/2123 or 2423	BIOL 3381/3382	N/A
PSCI 2305	GOVT 2305	PSCI 2306	GOVT 2306
Elective	Consult UNT advisor		

Third Year Fall		Third Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
BIOL 2301/2311 or 3800/4510	BIOL 2301/2101 or 2401	UNT Core: Language, Philosophy & Culture	<a href="#">See list of approved courses</a>
BIOL 3510/3520	N/A	BIOL 2302/2312 or UNT Core: Core Option Course	BIOL 2302/2102 or 2402, or <a href="#">See list of approved courses</a>
MGMT 3720 or 3721	N/A	BIOL 4201/4202	N/A
BIOL Elective (Advanced) <sup>1</sup>	N/A	BIOL Elective (Advanced) <sup>1</sup>	N/A

Fourth Year Fall		Fourth Year Spring	
UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
Professional Medical Technology Courses <sup>2</sup>	N/A	Professional Medical Technology Courses <sup>2</sup>	N/A

<sup>1</sup> Some courses may require that the lab be taken in addition to the lecture. Please consult your advisor for more information.

<sup>2</sup> 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.



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Students may not declare a major within the College of Science until they have completed **MATH 1100 (MATH 1314 or 1414)** or **MATH 1180 (MATH 1324)** with a 'C' or higher or have demonstrated proficiency through a math placement exam. Applicants who do not meet the math proficiency requirement will be provisionally admitted as Pre-College of Science (PCOS). PCOS students may visit the College of Science Advising Center for assistance.

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 on the Medical Laboratory Science website.)

## 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

One course for this requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements. In addition, complete **ENGL 1301** or **TECM 1700** (at UNT only).

A grade of 'C' or higher is required on courses applied toward this requirement.

### UNT Core: Mathematics

This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements.

### UNT Core: Life and Physical Sciences

This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements.

### 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** or **1307**; **SPCH 2341**

### UNT Core: Language, Philosophy and Culture

One course chosen from: **ARTS 1303**; **ENGL 2321, 2326, 2331, 2341, or 2351**; **HIST 2321** or **2322**; **PHIL 1301, 1304, 2303, or 2306**

### UNT Core: Social and Behavioral Sciences

One course chosen from: **ANTH 2346, 2351**; **BUSI 1307**; **COMM 1307**; **CRIJ 1301**; **ECON 2301** or **2302**; **GEOG 1303**; **PSYC 2301** or **2330**; **SOCI 1301**; **SOCW 2361**; **SPCH 1318**; **TECA 1354**

### UNT Core: Core Option Courses

One course for this requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements. In addition, complete one course from Core Option A or Option B.

**Option A:** **ANTH 2401** or **2301/2101, 2346, or 2351**; **ARTS 1301, 1303 or 1304**; **ASTR 1403 or 1404**; **BIOL 1307 or 1407, 1322, 1408 or 1308/1108, 2301 or 2401, 2302 or 2402, 2406 or 2306/2106**; **BUSI 1307 or 2305**; **COMM 1307 or 2300**; **CRIJ 1301**; **DRAM 1310**; **ECON 2301 or 2302**; **ENGL 1301, 1302, 2321, 2326, 2331, 2341, or 2351**; **GEOG 1303**; **GEOL 1401 or 1403**; **HECO 1322**; **HIST 1301, 1302, 2301, 2321, or 2322**; **MATH 1324, 1325, 1332, 2312 or 2412, 2313 or 2413, 2314 or 2414**; **MUSI 1306 or 1307**; **PHIL 1301, 1304, 2303, or 2306**; **PHYS 1301 or 1401, 1302 or 1402, 1403, 1404, 1410, 1415, 2325 or 2425, or 2326 or 2426**; **PSYC 2301 or 2330**; **SOCI 1301**; **SOCW 2361**; **SPCH 1315, 1318 or 2341**; **TECA 1354**

**Option B:** **COMM 2302**; **SPCH 1311**; **TECA 1303**

***BIOL 2301/2101, 2401, 2302/2102, or 2402 are options for the major and will fulfill 3 hours of this requirement.***

### Medical Laboratory Sciences: Major Requirements

TCCNS options:

- **BIOL 1106/1306 or 1406** (approved substitution)
- **BIOL 2121/2321 or 2421** (also fulfills a portion of the Core Option Courses core requirement)
- **CHEM 1111/1311 or 1411** (also fulfills a portion of the Life & Physical Sciences core requirement)
- **CHEM 1112/1312 or 1412** (also fulfills a portion of the Life & Physical Sciences core requirement)
- **CHEM 2123/2323 or 2423** (approved substitution)
- **MATH 1342** (also fulfills the Mathematics core requirement)

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



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#### Medical Laboratory Sciences: Additional Requirements

TCCNS options:

- **BCIS** 1305 or 1405
- **ENGL** 2311 (also fulfills a portion of the Communication core requirement)

Only two attempts will be allowed for each biology and biochemistry course in the degree.

Grade of 'C' or higher and minimum 2.5 grade point average in foundation courses, 'C' or higher in all upper-division courses counting towards major requirements, and an overall 2.0 grade point average are required for graduation.

All students seeking to enter the Department of Biological Sciences, with the exception of beginning freshmen, must meet the minimum grade point averages given above.

Students in the department whose foundation course or overall grade point average drops below the minimum for two consecutive semesters will be removed from the program.

Submit the following forms to the program coordinator:

- Request for Degree Statement
- Financial Aid
- Notice of Acceptance to Clinical 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 Pathology 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 national board examinations.

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

#### 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 Science in Medical Laboratory Sciences 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 mandate of the Texas Legislature regarding [Core 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 <https://cos.unt.edu/advising>.