

# College of Arts & Sciences

## **B.S. Medical Laboratory Sciences** *(formerly Medical Technology)*



### 2013-2014 Texas Common Course Numbering System Transfer Guide

- The Department of Biological Sciences offers a Bachelor of Science in Medical Technology 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 2013-2014 Undergraduate Catalog.)
- The College of Arts and Sciences expects students to have completed the Texas State recommended high school program and be ready to enroll in a college level mathematics course. If you are not prepared for this level, the necessary prerequisites will either replace electives or increase the hours required for this degree.

#### Courses Recommended for Transfer

The UNT Core requirements, with the exception of U.S. History and 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: English Composition & Rhetoric

This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences English Composition & Rhetoric requirement (see next column).

##### UNT Core: Discovery

One course chosen from: ARTS 1301; BIOL/HECO 1322; GEOG 1303; HIST 2321 or 2322; MATH 2305 or 2405; PHIL 1301, 2303, or 2306; SPCH 1311 or 1315; TECA 1303

##### UNT Core: Mathematics

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

##### UNT Core: Capstone

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

##### UNT Core: Natural Science

This requirement will be met by fulfilling the B.S. Medical Laboratory Sciences major requirements (see next column)

##### B.S. Medical Laboratory Sciences: English Composition & Rhetoric

ENGL 1301 and 2311

##### UNT Core: U.S. History

Two courses chosen from: HIST 1301, 1302, 2301

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: Political Science

As of Fall 2013, only the following courses are offered at the two-year level:

- GOVT 2305 and 2306

Other acceptable combinations are:

- GOVT 2301 and 2302
- GOVT 2301 and 2305
- GOVT 2301 and 2306
- GOVT 2302 and 2306

##### 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 English Composition & Rhetoric core requirement and program requirements)
- MATH 1342 or 1442 (fulfills both mathematics core and major requirements)

BIOL and CHEM courses above fulfill both natural science core and major requirements.

##### UNT Core: Visual & Performing Arts

One course chosen from: ARTS 1301, 1303, or 1304; DRAM 1310; MUSI 1306 or 1307; SPCH 2341

##### UNT Core: Humanities

One course chosen from: ENGL 2322, 2323, 2327, 2328, 2332, or 2333; PHIL 1304 or 2316

##### B.S. Medical Laboratory Sciences: Advanced Coursework

No TCCNS options available.

##### UNT Core: Social & Behavioral Sciences

One course chosen from: ANTH 2346 or 2351; COMM 1307; CRIJ 1301; ECON 2301 or 2302; HUMA 2323; PSYC 2301; SOCI 1301; SPCH 1318; TECA 1354

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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 86 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 technology to complete the degree.
- Upon graduation, students are eligible to take national examinations given by the American Society of Clinical Pathologists (ASCP) and the National Credentialing Agency (NCA) for Laboratory Personnel. Upon passing the registry examination, the student is considered a certified medical technologist or certified 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.

#### 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 2013-2014](#).

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

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## B.S. Medical Laboratory Sciences



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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.

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
FRESHMAN	BIOL 1710/BIOL 1730	BIOL 1406 or 1106/1306	BIOL 2041/BIOL 2042	BIOL 2421 or 2321/2121
	CHEM 1410/CHEM 1430	CHEM 1411 or 1111/1311	CHEM 1420/CHEM 1440	CHEM 1412 or 1112/1312
	ENGL 1310	ENGL 1301	TECM 2700	ENGL 2311
	MATH 1680	MATH 1342 or MATH 1442	UNT Core: Social and Behavioral Sciences	See list of approved courses

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SOPHOMORE	UNT Core: Discovery	See list of approved courses	UNT Core: Visual and Performing Arts	See list of approved courses
	UNT Core: U.S. History	See list of approved courses	UNT Core: U.S. History	See list of approved courses
	UNT Core: Political Science	See list of approved courses	UNT Core: Political Science	See list of approved courses
	UNT Core: Humanities	See list of approved courses	MGMT 3720	None

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	BIOL 3510/3520	None	BIOL 4201/4202	None
	CHEM 3601/3602		BIOL 3381/3382	
	UNT Core: Capstone		BIOL (advanced)	
	BIOL Elective (Advanced)		BIOC 3621 & 3622	
	BIOL 3800/3810			

#### 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).