

**College of Arts & Sciences**  
**B.S. Medical Laboratory Sciences**  
**With a Concentration in Cytotechnology**



**2015-2016 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	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
FRESHMAN	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
<b>* If BIOL 1106 is not completed prior to transfer you will be required to take BIOL 1760 at UNT.</b>				

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
SOPHOMORE	UNT Core: Discovery	See list of approved courses	UNT Core: Creative Arts	See list of approved courses
	UNT Core: American History	See list of approved courses	UNT Core: American History	See list of approved courses
	UNT Core: Government/Political Science	See list of approved courses	UNT Core: Government/Political Science	See list of approved courses
	UNT Core: Language, Philosophy and Culture	See list of approved courses	CHEM 3601/3602	None

YEAR	FALL SEMESTER		SPRING SEMESTER	
	UNT Requirement	TCCNS Option	UNT Requirement	TCCNS Option
JUNIOR	MGMT 3720	None	BIOL 4300	None
	BIOL 3510/3520		BIOL 3381/3382 or 3000 or 4201/4202	
	BIOL 3800/4510		BIOL 4770	
	BIOL 3451/3452		BIOC 3621 & 3622	
		UNT Core: Capstone		

**SENIOR YEAR**

A minimum of 32 hours of professional cytotechnology courses during approximately 12 months is required to complete the senior year of this program at an approved cytotechnology school.

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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 2015-2016 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).

#### 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 Science

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 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; CRIJ 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

#### UNT Core: Capstone

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.*

#### 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*

#### B.S. Medical Laboratory Sciences: Major Requirements

- BIOL 1406 or 1306/1106\*\*
- BIOL 2421 or 2321/2121
- CHEM 1411 or 1311/1111
- CHEM 1412 or 1312/1112
- ENGL 2311 (fulfills both a portion of the core Communications requirement and program requirements)
- MATH 1342 or 1442 or 2342 or 2442 (fulfills both core Mathematics and major requirements)

BIOL and CHEM courses above fulfill both core Life & Physical Sciences and major requirements.

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

*\*\* If BIOL 1106 is not completed prior to transfer you will be required to take BIOL 1760 at UNT.*

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

No TCCNS options available.

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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 CAAHEP-approved school of cytotechnology to complete the degree.
- Upon graduation, students are eligible to take national examinations given by the American Society of Clinical Pathologists (ASCP). Upon passing the registry examination, the student is considered a certified cytotechnologist. 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 cytotechnology school(s) where the student is applying
- Filing, in the program supervisor's office before leaving campus, the name of an accredited cytotechnology 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 2015-2016](#).

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)