

**Bachelor of Science in Medical Laboratory Sciences (BS MDLS)
2024 - 2025 Advising Handout**

Important Information About Your Degree

- **College of Science Admission Requirement:** Students must demonstrate proficiency in College Algebra by placing into Math Level 2 or higher through the UNT Math Placement Exam (Not the same as TSI) OR completing College Algebra or higher with a grade of C or higher.
- **UNT Double-Dip Course Policy (Best Selection):** Courses shown in *italics* satisfy multiple degree program requirements. Students who do not take the Best Selection courses, will have to take additional courses to meet program requirements. Whether or not the course is taken to fulfill a specific university core category, all courses are required by the program to complete the degree. Electives may be required due to double-dipping.
- Hour and GPA Requirements for graduation/degree completion:
 - BS in Medical Laboratory Sciences requires at least 120 hours, 36 advanced hours, 2.00 UNT GPA, 2.00 overall GPA and 2.5 Foundational GPA
- **“C” or Higher:** Courses marked with an asterisk (*) require a grade of **“C” or Higher**
- Courses in **bold** require prerequisites. Prerequisites are listed in the university catalog with the course description.
- An official degree audit is required for graduation; Students **must** meet with an academic advisor to request that their audit be made official. Students can review degree requirements by running their audit at <http://mydegreeaudit.unt.edu/>
- For major-specific career information, contact the Department of Biological Sciences in LIFE A128 or at biology@unt.edu.
- For information about allied health graduate programs, contact the Office of Health Professions in Hickory Hall 256 or at healthcareers@unt.edu.
- For teaching certification courses and requirements, contact tnt@unt.edu.
- For assistance with TSI status or mandatory courses, contact TSI@unt.edu.
- For additional program information visit <https://cos.unt.edu/advising> or contact the COS Advising Center at cosadvising@unt.edu.

Advising Notation Key

X = Requirement Completed Credit is posted within the degree audit.	IP = In Progress/Pending Credit Advisor has seen proof from an unofficial transcript or an official score	? = Needs further evaluation Student may need to provide additional information. (ex. a course syllabus)
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Foundation Requirements:		
All Foundation courses need at least a C or higher and with a 2.50 or higher GPA before taking any advanced biology courses		
	<i>BIOL 1710* – Principles of Biology I</i>	3
	BIOL 1760* – Biology for Science Majors Lab	2
	BIOL 2041* & 2042* – Microbiology & Lab	4
	CHEM 1410* & 1430* – General Chemistry I & Lab	4
	CHEM 1420* & 1440* – General Chemistry II & Lab	4
	CHEM 2370* & 3210* – Organic Chemistry I & Lab	4
	MATH 1680* - Elementary, Probability & Statistics	3
Major Requirements:		
Must complete all Foundation and Major courses with a C or higher		
	BIOL 3381* & 3382* – Medical Bacteriology & Lab	4
	BIOL 3510* & 3520* – Cell Biology & Lab	4
	BIOL 4201* & 4202* – Immunology and Lab	4
	BIOC 3621* & 3622* – Principles of Biochemistry & Lab	4
	One of the following	
	BIOL 3800* & 4510* – Animal Physiology & Lab	4
	BIOL 2301* & 2311* AND 2302* & 2312* – Human Anatomy & Physiology I and II with Labs	8
	Two of the following:	
	BIOL 3451* & 3452* – Genetics & Lab	4
	BIOL 3770* – Biotechnology	3
	BIOL 4091* & 4092* – Parasitology & Lab	4
	BIOL 4300* – Histology	4
	BIOL 4570* – Biochem and Molecular Bio of the Gene	3
Other Required Courses for Degree		
	BCIS 2610 – Intro. To Computers in Business	3
	MGMT 3721 – Essentials of Organizational Behavior (non-majors)	3
	TECM 2700 – Technical Writing	3

University Core Requirements		
42 hours – Students may elect to take any course approved for the University Core Curriculum to fulfill these requirements; however, there are courses recommended in the core categories for students pursuing a Medical Laboratory Science major		
	Composition I*:	3
	Composition II*:	3
	<i>Math:</i>	3
	<i>Life & Physical Science:</i>	3
	<i>Life & Physical Science:</i>	3
	Creative Arts:	3
	Language, Philosophy & Culture:	3
	US History to 1865:	3
	US History from 1865:	3
	Federal Government:	3
	Texas Government:	3
	Social & Behavioral Sciences:	3
	<i>Component Area Option I:</i>	3
	<i>Component Area Option II:</i>	3
Clinical Training		
Must complete a minimum of 32 hours of clinical training at an affiliated medical laboratory sciences clinical program.		
	Baylor Scott and White, Temple, TX	
	Comanche County Memorial Hospital, Lawton, OK	
	Houston Methodist Hospital, Houston, TX	
	Parkview School of Medical Laboratory Science, Pueblo, CO	
	Tarleton State University, Fort Worth, TX	
	United Regional Health Care, Wichita Falls, TX	
Students must apply for acceptance into the affiliated clinical program(s) of their choice. Admission is competitive and completion of the required UNT coursework does not guarantee admission into a clinical program. For more information, contact MedLab@unt.edu.		
Additional University Requirements		
Minimum of 120 total hours: A minimum of 88 hours will be completed at UNT; the remaining hours will be completed through clinical training to meet the university requirement		
Minimum 36 advanced hours: A minimum of 27 hours will be completed at UNT; the remaining hours will be completed through clinical training to meet the university requirement		

*This information is for **ADVISING ONLY** and is not official. Requirements may change.
Student is responsible for the accuracy of their individual schedule and completion of degree requirements.
Check with an academic advisor to obtain a recommended plan.*

Helpful Information:

Lecture/Labs: You will need to enroll in lectures and labs separately. Recitations are required sessions reserved for additional assistance. You will automatically enroll in recitation when you enroll in a course that requires it.

Advanced: Indicates any course numbered 3000 – 4000 level.

Advanced Elective: This is a course numbered 3000 or higher that is not specified in the degree program.

TSI Incomplete: This refers to students who did not receive the minimum score requirement. It **DOES NOT** mean that you have not taken the TSI Exam yet.

TSI Complete: This refers to students who received the minimum score requirement. It **DOES NOT** refer to all students who have taken the TSI Exam.

TSI Mandatory Courses: If you are TSI Incomplete, you will need to enroll in your TSI courses **BEFORE** enrolling in the rest of your courses.

The **Texas Success Initiative** (TSI) is **NOT** the same as the **Math Placement Exam**. You can only take the Math Placement Exam if you are TSI complete.

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