

Bachelor of Science in Medical Laboratory Sciences

2022 - 2023 Degree Requirements Checklist

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 **OR** completing College Algebra or higher with a grade of C or higher.

Foundation Course Requirements

Students must complete the following courses with a C or higher and at least a 2.5 overall GPA in these courses to take advanced coursework for the degree.

- **BIOL 1710:** Biology for Science Majors I (3hrs)
- **BIOL 1760:** Biology for Science Majors Lab (2hrs)
- **BIOL 2041 & 2042:** Microbiology & Lab (4hrs)
- **CHEM 1410 & 1430:** General Chemistry I & Lab (4hrs)
- **CHEM 1420 & 1440:** General Chemistry II & Lab (4hrs)
- **CHEM 2370 & 3210:** Organic Chemistry I & Lab (4hrs)
- **MATH 1680:** Elem. Probability & Statistics (3hrs)

Major Requirements

Students must complete the following courses with a C or higher and at least a 2.0 overall GPA in these courses to graduate with the degree.

- **BIOL 3381 & 3382:** Medical Bacteriology & Lab (4hrs)
- **BIOL 3510 & 3520:** Cell Biology & Lab (4hrs)
- One of the following:
 - **BIOL 3800 & 4510:** Animal Physiology & Lab (4hrs)
 - **BIOL 2301 & 2311 and 2302 & 2312:** Human Anatomy & Physiology I and II with Labs (8hrs)
- **BIOL 4201 & 4202:** Immunology & Lab (4hrs)
- Two of the following:
 - **BIOL 3451 & 3452:** Genetics & Lab (4hrs)
 - **BIOL 3770:** Biotechnology (3hrs)
 - **BIOL 4091 & 4092:** Parasitology & Lab (4hrs)
 - **BIOL 4300:** Histology (4hrs)
 - **BIOL 4570:** Biochem and Molecular Bio of the Gene (3hrs)
- **BIOC 3621 & 3622:** Principles of Biochemistry & Lab (4hrs)

Other Required Courses for Degree

- **TECM 2700:** Technical Writing (3hrs) (*double-dips with core*)
- **BCIS 2610:** Intro. To Computers in Business (3hrs)
- One of the following:
 - **MGMT 3720:** Organizational Behavior (3hrs)
 - **MGMT 3721:** Essentials of Organizational Behavior for Non-Business Majors (3hrs)

Clinical Training

Must complete 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.

University Core Requirements

Communication – English Composition and Rhetoric (6hrs total)
C or higher required for English core

- **ENGL 1310:** First-Year Writing I (3hrs)
- **TECM 2700:** Technical Writing (3hrs) (*double-dips with major*)

Mathematics (at least 3hrs total)

- Double-dips with major requirement

Laboratory Sciences (at least 6hrs total)

- Double-dips with major requirement

Creative Arts (3hrs total)

Language, Philosophy, & Culture (3hrs total)

- See catalog or online degree audit for acceptable options

American History (6hrs total)

- **HIST 2610:** US History to 1865 (3hrs)
- **HIST 2620:** US History since 1865 (3hrs)

Government/Political Science (6hrs total)

- **PSCI 2305:** (3hrs)
- **PSCI 2306:** (3hrs)

Social & Behavioral Sciences (3hrs total)

- See catalog or online degree audit for acceptable options

Component Area Option (6hrs total)

- See catalog or online degree audit for acceptable options

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 university requirement
- Minimum of 36 advanced hours
 - A minimum of 27 hours will be completed at UNT; the remaining hours will be completed through clinical training to meet university requirement
- Minimum 2.000 UNT GPA
- Minimum 2.000 Overall GPA

College of Science Advising Center

Hickory Hall 283; (940) 369-8606; COsAdvising@unt.edu

This is an unofficial simplified checklist effective Fall 2022. Degree requirements and pre-requisites are subject to change, please check with an advisor for any updates. Online catalog - <http://catalog.unt.edu/>