

MEDICAL LABORATORY SCIENCES

Dr. Sally S. Lewis, Head

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Associate Professor(s): [S. Lewis](#)

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The Department of Medical Laboratory Sciences offers one degree/ certificate program leading to a Bachelor of Science in Medical Laboratory Science and two degree/ certificate programs leading to Associate of Applied Science degrees in Histotechnology and Medical Laboratory Technology and a graduate certificate in molecular diagnostics.

THE BACHELOR OF SCIENCE DEGREE IN Medical LABORATORY SCIENCE

The fourth year of the Medical Laboratory Science degree/certificate program is completed at the Department of Medical Laboratory Sciences, located in Fort Worth, Texas. The certificate program is accredited by the National Accrediting Agency for Medical Laboratory Sciences (NAACLS) 5600 N. Riven Road, Suite 720, Rosemont, IL 60018. The Department consists of a teaching center and numerous clinical affiliates located in the Dallas/Fort Worth Metroplex and surrounding areas. The teaching center is housed in the Schaffer Building in Fort Worth, which consists of six lecture rooms, six laboratories, a computer lab, and a library. A continuous 16-month professional laboratory curriculum is offered, totaling 54 semester hours, with 10 months in the teaching center and 6 months in the clinical affiliate.

Twenty students are admitted to the certification program in early January and July of each year, with application deadlines of the preceding September 1 and March 1, respectively. Admission is on a competitive basis. An overall minimum GPA of 2.5/4.00, with a minimum of 2.8 in science and math, is necessary. NAACLS specifies that prerequisite college courses and numbers of credits required shall be those necessary to ensure admission of individuals prepared for the educational program. Prerequisite content area includes general chemistry, organic and/or biochemistry, general biological sciences, microbiology, and mathematics. Survey courses do not qualify as fulfillment of chemistry and biological science prerequisites. Remedial mathematics courses will not satisfy the mathematics requirements.

Biological Sciences

Freshman Biology	8 hours
Microbiology	4 hours
Immunology	4 hours
Physiology	4 hours

Chemistry

Freshman Chemistry	8 hours
Organic Chemistry	4 hours
Biochemistry	3 hours

Mathematics (6 hours minimum)

College Algebra	3 hours
Trigonometry	3 hours

English 9 hours

U.S. History 6 hours

Political Science (Texas and National) 6 hours

Communications 3 hours

Electives 3 hours

Health Education 2 hours

Students entering the program from other universities must fulfill the degree requirements of their institution, and that institution must provide a statement of the acceptance of the 54 hours awarded by Tarleton State University for graduation requirements. By special arrangement prior to entrance, students may elect to receive the degree from their original college or university or from Tarleton State University.

Students who have already obtained a baccalaureate degree may also enter the program, provided they have met the NAACLS minimum requirements in biology, chemistry, and math.

Successful completion of courses will be determined with the maintenance of a grade of C or better in lecture and laboratory courses. All students are admitted on a probationary status and progressive academic achievement must be maintained.

Upon successful completion of the certificate program, the Bachelor of Science degree may also be awarded. The student is also eligible to challenge national board/credential examinations offered by various professional associations. For further information concerning the Medical Laboratory Science program, contact:

Department of Medical Laboratory Sciences
MLS Advisor: Ms. Virginia Reyes

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