

# B.S. Medical Laboratory Science

The Medical Laboratory Science (MLS) Program is suitable for students who would like to work behind the scenes in a medical laboratory setting to aid care teams in patient diagnosis. Such students develop a high degree of proficiency and accuracy in the medical laboratory. Certified Medical Laboratory Scientists are in high demand to work in medical laboratories, and many go on to further their education in medical school.

[General Education Requirements for all Bachelor's degrees](#)

[Quality Enhancement Plan \(QEP\) Requirement](#)

## Required Courses

Item #	Title	credits
BIOL 111	General Biology I	4
BIOL 112	General Biology II	4
BIOL 318	Microbiology & Immunology	4
BIOL 320	Genetics	4
CHEM 111	General Chemistry I	4
CHEM 112	General Chemistry II	4
CHEM 231	Organic Chemistry I	4
CHEM 232	Organic Chemistry II	4
	MATH 141 or 180	3-4

## Recommended Courses

Item #	Title	credits
BIOL 455	Immunology	3
CHEM 431	Biochemistry I	3
PHYS 121	General Physics I	4
PHYS 122	General Physics II	4

## Senior Year

Click here to link to [Andrews University Medical Laboratory Science](#) page for a complete list of classes taken during Senior year.

Click here to link to [Tarleton State University Medical Laboratory Science](#) page for a complete list of classes taken during Senior year.

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Total credits: 120-150

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## Category Descriptions

### MATH 141 or 180

Credits: 3-4

Item #	Title	credits
MATH 141	Introduction to Probability and Statistics	3
MATH 180	Precalculus	4