

Clinical Laboratory Sciences, B.S.

Mission Statement

The Bachelor's degree program prepares students for immediate employment in a medical laboratory as a medical laboratory scientist. Building upon a foundation of biology and chemistry courses, the Clinical Laboratory Sciences (CLS) Program prepares students to enter the CLS profession through advanced hands-on training in the clinical laboratory sciences. The B.S. in Clinical Laboratory Sciences (formerly Medical Technology) is a degree accredited by The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

Student Learning Outcomes

Clinical Laboratory Sciences graduates should be able to do the following:

Content

- Demonstrate knowledge and competency in methodological principles in the disciplines within the clinical laboratory.

Critical Thinking

- Interpret and evaluate clinical procedures and results.

Communication

- Communicate biomedical information in oral and written form employing appropriate technology.

Integrity/Values

- Recognize and adhere to professional regulations, ethical standards, and program's code of conduct.

Assessment of Student Learning Outcomes

Students are assessed using traditional exams, quizzes, homework, worksheets and lab reports, as well as laboratory practicals at the university and at the affiliate site, a capstone writing project, and hospital trainer evaluations.

Job Prospects for Clinical Laboratory Sciences Graduates

The majority of clinical laboratory professionals work in hospitals. Many others work in healthcare related industries. The biotechnology, environmental, pharmaceutical, and diagnostic products sectors and institutions employ medical laboratory scientists. Medical laboratory professionals also perform tests, supervise and conduct research in environmental, food and chemical manufacturing laboratories. As hospitals merge, opportunities open up for overall management of diagnostic services, including laboratories, medical imaging and pharmacy. Jobs are available in infection control and organizational quality management. Pharmaceutical companies recruit lab personnel to evaluate drugs. Laboratory professionals are finding employment in industry as risk managers, consultants and product information and customer support specialists.

Find out more about Clinical Laboratory Sciences at UWF:

<https://catalog.uwf.edu/undergraduate/clinicallaboratorysciences/>