

Clinical Laboratory Science (BA)

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Clinical laboratory science is the allied health profession of those who perform the major laboratory diagnostic tests in hospitals, clinics, and research laboratories. Mary Baldwin University offers a major in clinical laboratory science in affiliation with local healthcare facilities including Augusta Health Medical Center in Fishersville and Sentara Rockingham Memorial Hospital in Harrisonburg. Students complete all Mary Baldwin graduation and requirements of the major on campus before beginning the clinical year at one of the affiliated schools. All partner hospitals are fully accredited, and their schools of clinical laboratory science are approved by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). Upon completion of all Mary Baldwin University graduation requirements, including requirements for this major and the clinical year, the student graduates with a Bachelor of Arts degree from Mary Baldwin University with a major in clinical laboratory science. Like other health professionals, the student must not only complete the degree requirements but also must pass the National Registry Examination in order to be certified.

Department: [Clinical Laboratory Science](#)

Type: Major

Requirements for the Major in Clinical Laboratory Science

77–83 semester hours, including the clinical year

Either an emphasis in biology with seven courses in biology and five courses in chemistry, or an emphasis in chemistry with seven courses in chemistry including at least one 300-level chemistry course and five courses in biology, and in either case including the following courses:

One course in mathematics

Successful completion of the clinical year

Additional courses to complete the first requirement, above, and the total semester hours

Note: Recommended courses: [PHYS 201–202](#) and [PSYC 250](#).

Item #	Title	Credits
BIOL 111	PRINCIPLES OF BIOLOGY (N)	4
BIOL 255	MICROBIOLOGY	4
BIOL 327	IMMUNOLOGY	3
CHEM 121	GENERAL CHEMISTRY I (NQ)	4
CHEM 122	GENERAL CHEMISTRY II (Q)	4
CHEM 221	ORGANIC CHEMISTRY I	4
CHEM 222	ORGANIC CHEMISTRY II (R)	4

Clinical Laboratory Science Course

The Clinical Year

The clinical year is a 12-month training period typically beginning in July but varying among programs. Upon acceptance into a clinical training program, the student registers at Mary Baldwin University for [CLS 386](#) (fall semester, 15 semester hours) and [CLS 387](#) (spring semester, 18 semester hours). The clinical training program is conducted by an affiliated hospital; grading is only pass/no credit, and hospital officials are the sole arbiters of these grades.

***Note:** Please see the Tuition and Fees section of this catalog for billing and financial aid policy during the Clinical Year.

Total credits:

77-83