

CLINICAL CERTIFICATE IN HEMATOLOGY

Laboratory Medicine is essential to the practice of healthcare and competent laboratorians are critical to the prevention, diagnosis, treatment, and monitoring of health and disease.

Hematology Scientists perform manual and automated analyses of blood cells to determine hematologic and coagulation disorders. Students who complete the Clinical Certificate in Hematology will immediately be eligible to sit for the American Society of Clinical Pathology (ASCP) Board of Certification (BOC) Hematology exam through Route 3 eligibility after the conclusion of the program.

The Clinical Certificate in Hematology is offered under the umbrella of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) accredited M.S. in Medical Laboratory Science (MLS) program (<https://www.luc.edu/parkinson/mls/msinmedicallaboratoryscience/>), meeting rigorous standards for quality, education, and innovation. *NAACLS can be contacted at: National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720 Rosemont, IL 60018; Ph: 773-714-8880; Fax: 773-714-8886; Email: info@NAACLS.org*

Related Programs

Master's

- Clinical Research Methods and Epidemiology (MS) (<https://catalog.luc.edu/graduate-professional/health-sciences/clinical-research-methods-epidemiology-ms/>)
- Clinical and Applied Proteomics (MS) (<https://catalog.luc.edu/graduate-professional/graduate-school/health-sciences/biomedical-sciences/clinical-applied-proteomics-ms/>)

Certificate

- Clinical Certificate in Microbiology (<https://catalog.luc.edu/graduate-professional/health-sciences/clinical-certificate-microbiology/>)

Curriculum

Students start in the Fall semester and complete the following Spring.

Code	Title	Hours
MLS 401	Laboratory Fundamentals	2
MLS 450	Hematology	4
MLS 455	Hemostasis	2
MLS 481	Clinical Practice in Hematology	3
MLS 484	Clinical Practice in Hemostasis and Body Fluids	1-2
Total Hours		12

Suggested Sequence of Courses

Course	Title	Hours
Year One		
Fall		
MLS 401	Laboratory Fundamentals	2
MLS 450	Hematology	4
Hours		6

Spring

MLS 481	Clinical Practice in Hematology	3
Hours		3

Summer

MLS 455	Hemostasis	2
MLS 484	Clinical Practice in Hemostasis and Body Fluids	1-2
Hours		3-4
Total Hours		12-13

Graduate & Professional Standards and Regulations

Students in graduate and professional programs can find their Academic Policies in Graduate and Professional Academic Standards and Regulations (<https://catalog.luc.edu/academic-standards-regulations/graduate-professional/>) under their school. Any additional University Policies supersede school policies.

Learning Outcomes

Upon successful completion of a clinical Certificate program, students will:

- Apply critical thinking skills to evaluate and interpret clinical data.
- Exhibit oral and written communication skills sufficient to serve the needs of patients and the health care team.
- Demonstrate competency needed to work as a medical scientist in their specific concentration by performing basic and diagnostic laboratory analysis in accordance with established laboratory procedures.