

CLINICAL LABORATORY SCIENCE

College of Liberal Arts and Sciences

uis.edu/cliniclalabscience



UIS—Engaged in Your Future

Medical laboratory scientists, also known as medical technologists, are the behind-the-scenes medical investigators in the health care industry. Using the latest methods and biomedical instruments, they analyze blood, tissue and other body fluids. Seventy percent of all medical decisions are based on the information they provide.

In this major, you will work with state-of-the-art clinical laboratory instrumentation while integrating theory and professional practice. Our graduates are highly qualified for immediate positions in laboratory science. Grounded in liberal arts and solid science, this major also prepares you for graduate programs and medical schools.


Bachelor's Degree

- Bachelor of Science (B.S.)

Career Paths

- Medical Laboratory Scientist
- Researcher
- Forensic Scientist
- Lab Supervisor
- Technical Specialist
- Computer Laboratory Specialist
- Quality Improvement Officer
- Medical, Dental, or Pharmacy School
- Pharmaceutical Sales
- Ph.D. programs

Distinction

-  The CLS program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N. River Road, Suite 720, Rosemont, IL 60018, (773) 714-8880.
- The Clinical Laboratory Science program has a 100 percent placement rate of all graduates seeking employment.

UNIVERSITY OF ILLINOIS
SPRINGFIELD

Bachelor's Degree

PROGRAM HIGHLIGHTS

Experience. In your senior year, you will complete clinical rotations at major medical centers in central Illinois. Your closure requirement is passing a comprehensive examination covering all aspects of clinical laboratory science. By the time you graduate, you'll know what you're doing. Guaranteed.

Honors. Students maintaining a 3.25 GPA in CLS courses can apply for Honors status in the department. The designation requires a research project and presentation, which can be chosen for publication or presentation at national meetings.

Certification. Completion of the degree program leads to eligibility for certification as a Medical Laboratory Scientist by the Board of Certification (American Society of Clinical Pathology).

B.S. IN CLINICAL LABORATORY SCIENCE

Students must apply to the CLS department for admission prior to their junior year. Details on the CLS website.

Complete university requirements – a minimum of 13 credit hours of Engaged Citizenship Common Experience (ECCE) courses. *The CLS program requirements fulfill all but 4 credit hours of the ECCE requirement.*

Complete course requirements in the major, including clinical courses (59 credit hours).

Sample of courses:

- Seminar in Clinical Laboratory Science
- Medical Mycology/Parasitology/Virology
- Introduction to Immunology
- Introduction to Urinalysis
- Medical Bacteriology
- Introduction to Clinical Chemistry
- Introduction to Hematology
- Introduction to Immunohematology
- Introduction to Hemostasis

In addition, advanced classes and clinical rotation courses are required in each of the four major departments of hospital laboratories.

For a complete list of courses and degree requirements, see the UIS catalog at uis.edu/uiscatalog

IMPORTANT! Information effective Fall 2010. Subject to change without notice. The information does not constitute a contract between the student and UIS. See uis.edu/uiscatalog for current program requirements.

ACADEMIC ORGANIZATIONS

The Clinical Laboratory Science Club is an active, on-campus organization that competes annually against other student teams in the American Society for Clinical Laboratory Science (ASCLS) Illinois Student Bowl. UIS students won the title in 2007 and took runner-up honors in 2008. CLS majors have regularly accepted leadership positions in professional organizations.

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