



CLINICAL LABORATORY SCIENCE BACHELOR OF SCIENCE

Imagine being a member of a coalition of researchers, educators, and practitioners from many professions who work together to improve human health. We transform students into highly skilled health care practitioners who advance the health and well-being of society. Through research, we discover, evaluate, and implement new knowledge to improve models and methods of practice in pharmacy and health sciences from the urban to global levels. Arrive at your health career destination by accepting our invitation to explore the programs of the Eugene Applebaum College of Pharmacy and Health Sciences.

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WHAT DOES A CLINICAL LABORATORY SCIENTIST DO?

Clinical laboratory scientists develop and conduct laboratory tests in support of patient medical care and research. They analyze blood, tissue and body fluid samples using sophisticated technology and analytical techniques. They often work in the forefront of health care, involved in developing new diagnostic procedures and supervising research projects. They draw on strong problem-solving skills and attention to precision and detail in their work, providing a foundation for many critical decisions made in the health care community.

For more information about a career in clinical laboratory science, please contact:

- American Society of Clinical Pathologists
www.ascp.org
- Michigan Society for Clinical Laboratory Science
www.mscls.org
- American Society for Clinical Laboratory Science
www.ascls.org
- National Accrediting Agency for Clinical Laboratory Science (NAACLS) www.naacls.org

WHY STUDY CLINICAL LAB SCIENCE?

“The Wayne State program emphasized the situations we were going to see when we actually got out into the field—there was a lot of preparation for moving into the workplace. It’s a very practical degree, and something I was able to work with right out of school.”

- TRAVIS REEDER
Medical Technologist

transform

WHY WAYNE STATE UNIVERSITY?

Wayne State University is one of America’s premier urban research universities, with more than 33,000 graduate and undergraduate students. The University provides a multidisciplinary approach to research and education, and collaborates closely with government, industry and other institutions on a range of programs.

The Eugene Applebaum College of Pharmacy and Health Sciences (EACPHS) is located on the single largest academic medical campus in the United States and puts you in close proximity to the nation’s leading health care educators. A degree from the College puts you in good company, with more than 12,000 EACPHS-educated health care professionals working in Michigan.

The Wayne State University Clinical Laboratory Science/Medical Technology program is accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). The program has strong affiliations with healthcare providers in the metropolitan area, and graduates are in high demand.

HOW DO I APPLY?

The application deadline is **April 1** of each year. The applicant must successfully complete the admission requirements, including application for admission to WSU and the professional program application. Completion of admission requirements does not guarantee an interview or admission into the program.

ADMISSION REQUIREMENTS

- A minimum 2.50 overall GPA, as well as a minimum 2.50 cumulative GPA in all science and non-science prerequisite coursework.
- All grades in prerequisite requirements must be a minimum of "C" or better (2.0 on a 4.0 grade scale).
- Have no more than two repeats or withdrawals in science courses (if all courses are withdrawn in a semester, it will be considered as one withdrawal).
- Complete all prerequisite courses by the end of the summer semester before admission to the professional program.

SCIENCE AND MATH PREREQUISITE COURSEWORK

BIO 1510 - Basic Life Mechanisms
BIO 2200 - Introductory Microbiology
BIO 2870 - Anatomy and Physiology
CHM 1220 & 1230 - General Chemistry I & Lab+
CHM 1240 & 1250 - Organic Chemistry I & Lab
CHM 2220 & 2230 - Organic Chemistry II & Lab
CLS 2080 - Clinical Laboratory Science Seminar
MAT 1800 - Elementary Functions

Science requirements must have been taken within the past six years.

+ Note: Transfer students must take both General/Inorganic Chemistry I and II.

NON-SCIENCE PREREQUISITE COURSEWORK

ENG 1020 - Introductory College Writing (BC)
ENG 3010 - Intermediate Writing (IC)
COM 1010 - Oral Communication (OC)
STA 1020 - Elementary Statistics

Students who hold a previous bachelor's degree or who qualify under the university's general education transfer policy (see www.transfercredit.wayne.edu) are exempt from completing the requirements listed below.

UNIVERSITY GENERAL EDUCATION REQUIREMENTS

Computer Literacy Competency (CL)*
Critical Thinking Competency (CT)*
PS 1010 - American Government (AI)
Historical Studies (HS)
Visual and Performing Arts (VP)
Foreign Culture (FC)
Social Science (SS)
Philosophy and Letters (PL)
(One of the following can be taken during the first year in the professional program: HS, VP, FC, SS, PL.)

* Designate degree requirements that may be satisfied by coursework or examination. See www.testing.wayne.edu for further information.



TRAVIS REEDER earned a bachelor's degree in the WSU Clinical Laboratory Science/Medical Technology program in 2005—and then hit the ground running. "I did a six-month internship, and then was hired by the University of Michigan Hospital," he says. Today, he's a medical technologist at the Michigan Medical Genetics Laboratory. "This is a great job, and I feel like I was well prepared for it," he says. His degree also opens up future possibilities down the road. "It could launch me into a couple of different areas if I want—medical school, nursing, public health. So, I'm very happy with it."

GENERAL DEADLINES FOR ADMISSION

PROGRAM APPLICATION DUE - April 1

For a checklist of application requirements:
<http://www.cphs.wayne.edu/program/cls-bs-apply.php>

UNDERGRADUATE APPLICATION DUE - April 1

WSU Undergraduate Application:
www.admissions.wayne.edu
Office of Admissions
Welcome Center
42 W. Warren
Detroit, MI 48202
www.wayne.edu
877-WSU-INFO or 313-577-3577

Financial Aid deadline - January 30
313-577-3378
www.financialaid.wayne.edu

GENERAL INFORMATION

Eugene Applebaum College of Pharmacy and Health Sciences
Office of Student and Alumni Affairs
259 Mack Avenue, Suite 1600
Detroit, MI 48201
313-577-1716
www.cphs.wayne.edu
cphsinfo@wayne.edu

THE CLINICAL LABORATORY SCIENCE PROGRAM IS ACCREDITED BY:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)
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