

## CYTOTECHNOLOGY CONCENTRATION BACHELOR OF HEALTH SCIENCES



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.

## imagine

### WHAT DOES A CYTOTECHNOLOGIST DO?

A cytotechnologist examines cell samples taken from patients and assesses whether they are normal or indicate the presence of cancer or other illness. Working in a laboratory, he or she uses a microscope to detect patterns and changes in cells, often collaborating with pathologists to diagnose diseases. By helping to accurately identify health problems early, the cytotechnologist often plays an important role in helping save patients' lives.

For more information about a career in cytotechnology, please contact:

- ASCP (American Society of Clinical Pathologists) 312-738-5808 [www.ascp.org](http://www.ascp.org)
- ASCT (American Society for Cytotechnology) 800-948-3947 [www.asct.com](http://www.asct.com)
- ASCLS (American Society for Clinical Laboratory Science) 301-657-2909 [www.ascls.org](http://www.ascls.org)

### WHY THE CYTOTECHNOLOGY PROGRAM?

*"The Wayne State program definitely prepared me to work in this field. I actually got a job offer before I graduated. So I finished the program, passed my board exam, and began working two weeks after I graduated."*

- ABRAR MOHAMMAD  
Cytotechnologist

## 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.

In addition to resources at Wayne State, the cytotechnology program has strong affiliations with a variety of healthcare providers in the Detroit metropolitan area, which help students gain valuable real-world experience. The cytotechnology program has developed a solid reputation, and graduates of the program are in 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.

# arrive

## 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 coursework 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](http://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](http://www.testing.wayne.edu) for further information.



**ABRAR MOHAMMAD** is a cytotechnologist working at the Detroit Medical Center—a job she started right after graduating from Wayne State's Cytotechnology program in August 2007. The program not only gave her a solid grounding in cytotechnology, it also provided valuable exposure to the overall medical technology field and instilled a strong sense of responsibility about the work. "I absolutely love my job," she says. "It's challenging and rewarding, and I know that what I'm doing makes a difference in people's lives. At the end of the day, I get a real sense of accomplishment."

## GENERAL DEADLINES FOR ADMISSION

### PROGRAM APPLICATION DUE - April 1

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

### UNDERGRADUATE APPLICATION DUE - April 1

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

Financial Aid deadline - January 30  
313-577-3378  
[www.financialaid.wayne.edu](http://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](http://www.cphs.wayne.edu)  
[cphsinfo@wayne.edu](mailto:cphsinfo@wayne.edu)

## THE CYTOTECHNOLOGY PROGRAM IS ACCREDITED BY:

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)  
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