



## PHARMACY DOCTOR OF PHARMACY

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 PHARMACIST DO?

Pharmacists have traditionally filled prescriptions for people by mixing and dispensing medicines. But today, they are also involved in pharmaceutical care, in which they work with physicians to provide drug therapy to patients. They interact closely with patients and health-care providers - a job that requires not only science and math, but also strong communication and problem-solving skills.

For more information about a career as a pharmacist, please contact:

- AACP (American Association of Colleges of Pharmacy) 703-739-2330; [www.aacp.org](http://www.aacp.org)
- APhA (American Pharmacists Association) 202-628-4410; [www.pharmacist.com](http://www.pharmacist.com)
- ASHP (American Society of Health-System Pharmacists) 301-657-3000; [www.ashp.org](http://www.ashp.org)
- NCPA (National Community Pharmacists Association) 703-683-8200; [www.ncpanet.org](http://www.ncpanet.org)

### WHY A DOCTORATE IN PHARMACY?

*“The opportunity to work closely with both patients and other health care providers initially drew me to the pharmacy profession. As I learned more, the dynamic responsibilities of a clinical pharmacist confirmed the appeal of both the program and career.”*

- VISHNUPRAPHA DHANAPAL  
Alumna, Doctor of Pharmacy

## transform

### WHY WAYNE STATE UNIVERSITY?

Wayne State University is a premier urban research institution offering more than 370 academic programs through 13 schools and colleges to nearly 28,000 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 one of the largest academic medical campuses 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 Doctor of Pharmacy program gives students vital coursework combined with ongoing interaction with patients and healthcare professionals. The pharmacy program is affiliated with several major hospitals and pharmacies in the area, providing students with a wealth of educational opportunities related to both health system pharmacy and community pharmacy practice. Overall, the program is designed to provide not only technical knowledge, but also to foster the critical thinking, leadership and professionalism that are important to a career in pharmacy. Graduates of the program consistently score higher than the national and state averages on the pharmacy national licensing exam.

### HOW DO I APPLY?

The application deadline is **the first Monday in November** of each year. Completion of admission requirements does not guarantee an interview or admission into the program.

# arrive

## ADMISSION REQUIREMENTS

- 2.75 minimum cumulative undergraduate grade point average as calculated by PharmCAS and a 3.0 minimum prerequisite grade point average.
- No less than a “C” grade (2.00 on a 4.00 scale) in any prerequisite class.
- Completion of the Pharmacy College Admission Test (PCAT) with a minimum composite score of 50th percentile or higher. (The PCAT must be taken before November 15.)
- If English is not your first language, you must meet university English language proficiency requirements.

## SCIENCE AND MATH PREREQUISITE COURSEWORK

BIO 1510 - Basic Life Mechanisms  
BIO 2200 - Introductory Microbiology & Lab  
BIO 2870 + BIO 3200 - Six credits of Anatomy & Physiology with at least three at the 3000-level or higher  
CHM 1220/1230 - General Chemistry I & Lab  
CHM 1240/1250 - Organic Chemistry I & Lab  
CHM 2220/2230 - Organic Chemistry II & Lab  
CHM 5600 - Biochemistry  
MAT 2010 - Calculus I  
PHY 2130/2131 - General Physics I & Lab  
*Science and math coursework must be completed by May of the year for which you are applying. Science and math coursework must be completed within six years prior to admission.*

## NON-SCIENCE PREREQUISITE COURSEWORK

ENG 1020 - Introductory College Writing (BC)  
COM 1010 - Oral Communication: Basic Speech (OC)\*  
STA 1020 - Elementary Statistics  
*Non-science prerequisite coursework must be completed by August of the year for which you are applying.*

***Students with a bachelor's degree are exempt from completing the requirements below. Those who qualify under the MACRAO or Michigan Transfer Agreement (MTA) policy (see [www.transfercredit.wayne.edu](http://www.transfercredit.wayne.edu)) are exempt from all except Intermediate Composition (IC).***

## UNIVERSITY GENERAL EDUCATION REQUIREMENTS

*As of Fall 2018, the general education requirements must be completed by August of the year for which you are applying. For Fall 2017, they are due by the P2 year.*

American Societies and Institutions (AI)  
Critical Thinking (CT)\*  
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Foreign Culture (FC)  
Historical Studies (HS)  
Intermediate Composition (IC)  
Philosophy & Letters (PL)  
Social Science (SS) - ECO 1000 or 2010 recommended  
Visual & Performing Arts (VP)

\* May be satisfied by coursework or examination. See [www.testing.wayne.edu](http://www.testing.wayne.edu) for further information.



VISHNUPHRABHA DHANAPAL is a clinical pharmacy specialist in Hematology/Oncology at Henry Ford Hospital in Detroit. In that role, she optimizes the pharmacologic care of cancer patients and educates patients, medical staff, students, and residents about the cancer population. She says that WSU not only provided her “with a phenomenal clinical foundation, but the skills to communicate effectively with other medical professionals and patients.” She admires the faculty’s dedication to future generations of pharmacists as they provide all of the tools necessary to make students successful independent practitioners upon graduation. Dhanapal continues to value the time she spent at WSU, calling some of the connections she made during her academic career “priceless.”

## GENERAL DEADLINES FOR ADMISSION

**PROGRAM APPLICATION DUE** - The first Monday in November.

The PharmCAS Application will be on-line starting in July of every year at: [www.pharmcas.org](http://www.pharmcas.org)

The program participates in an Early Decision program. For application information:  
<http://cphs.wayne.edu/practice/pharmd.php>

Office of Student Financial Aid  
313-577-2100  
<http://wayne.edu/financial-aid/>

## GENERAL INFORMATION

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

**THE DOCTOR OF PHARMACY PROGRAM IS ACCREDITED BY:** The Accreditation Council for Pharmacy Education.  
[www.acpe-accredit.org](http://www.acpe-accredit.org)

**Note:** The program is selective and competitive. Completion of admission requirements does not guarantee an interview or admission to the program.