



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.

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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
- APhA (American Pharmacists Association) 202-628-4410
- ASHP (American Society of Health-System Pharmacists) 301-657-3000
- NCPA (National Community Pharmacists Association) 703-683-8200
www.pfizercareerguides.com

WHY A DOCTORATE IN PHARMACY?

“The demand for pharmacists is high today, and with a doctorate from Wayne State, students are prepared to move into their careers, in this region or anywhere in the country. On graduation day, they feel they have really accomplished something, and they have the high level of training they need to succeed.”

- DENNIS PARKER, JR.
Assistant Professor, Doctor of Pharmacy

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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 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 **December 1** of each year. Completion of admission requirements does not guarantee an interview or admission into the program.

arrive

ADMISSION REQUIREMENTS

- 3.0 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 the December 1 application deadline.)
- 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
BIO 2870 - Anatomy & Physiology
BIO 3200 - Human Physiology (offered in the fall only)
CHM 1220/1230 - General Chemistry I & Lab+
CHM 1240/1250 - Organic Chemistry I & Lab
CHM 2220/2230 - Organic Chemistry II & Lab
MAT 2010 - Calculus I
PHY 2130/2131 - General Physics I & Lab
Science and math coursework must be completed by May of the application year. Science and math coursework must be completed within six years prior to admission.

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

NON-SCIENCE PREREQUISITE COURSEWORK

ENG 1020 - Introductory College Writing (BC)
PS 1010 - American Government (AI)
COM 1010 - Oral Communication (OC)
Non-science prerequisite coursework must be completed by August of the application year.

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

The general education requirements must be completed before students enter into the second year of the pharmacy curriculum.

ENG 3010 - Intermediate Composition (IC)
Computer Literacy (CL)*
Critical Thinking (CT)*
Social Science (SS) - ECO 1000 or 2010 recommended
Historical Studies (HS)
Philosophy & Letters (PL)
Foreign Culture (FC)
Visual & Performing Arts (VP)

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



DENNIS PARKER is an assistant professor in the Pharmacy Practice department at Wayne State University. Pharmacy students, he says, can take advantage of the program's state-of-the-art facilities, which include labs, distance-learning resources, and a sophisticated human-patient simulator. Just as important, he says, "This program offers the very highest quality clinical rotations, with students training at various hospitals and pharmacies in our area. That is a real point of excellence, and it gives students a practical grounding that can be invaluable in their careers."

RECOMMENDED ELECTIVES

BIO 3070 - Genetics
BIO 3100 - Cellular Biochemistry
BIO 5630 - Histology
COM 322 - Health Communication
STA 1020 - Elementary Statistics

GENERAL DEADLINES FOR ADMISSION

PROGRAM APPLICATION DUE - December 1

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

The PharmCAS Application will be on-line starting in June of every year at: www.pharmcas.org

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 DOCTOR OF PHARMACY PROGRAM IS

ACCREDITED BY: The Accreditation Council for Pharmacy Education.
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.