

# Development of Six New Concentrations at the University of Illinois Chicago College of Pharmacy



Kristen L. Goliak, PharmD; Thomas TenHoeve III, PhD; JoAnn Stubbings, BPharm, MHCA, RPh; Nancy Shapiro, PharmD; A. Simon Pickard, PhD; Douglas Thomas, PhD; Glen T. Schumock, PharmD, MBA, PhD

## Objective

To provide a greater number of students with increased opportunities to engage in focused study and research. The six new areas of concentration are designed to complement the COP's extensive educational offerings and to help position students competitively for residencies, fellowships, graduate degree programs, or employment after graduation.

## Methods

The PharmD program currently has two optional concentrations in rural and urban pharmacy services. The addition of the six new concentrations provides students with additional opportunities to engage in focused study and research in key areas of modern pharmaceutical sciences, health economics and outcomes research, and pharmacy practice. Students who successfully complete concentrations will demonstrate academic, research, and practical expertise in their area of concentration.

	PharmD without concentration	PharmD with RPHARM UPHARM	PharmD with NEW concentration
Admission	Apply regular admission	Apply after admitted to UIC PharmD	Apply at the end of P1 year
Total Credits	133 hours	135 hours	133 hours
Core Credits	78 hours	80 hours	78 hours
Elective Credits	13 hours	6 hours (6 x 1 credit hr)	9 hrs during P1-P3 year
IPPE / APPE	42 credit hours	2 or 3 APPEs	1 elective APPE in approved site
Capstone	None	2 hr course	None

## Methods

Department	Concentration(s)
Pharmaceutical Sciences	Pharmaceutical Sciences
Pharmacy Systems, Outcomes & Policy	Health Economics and Outcomes Research
Pharmacy Practice	Acute Care Pharmacy Ambulatory Care Pharmacy Experimental Therapeutics and Clinical Research Administration and Leadership

No new credit hours are required for graduation with a concentration. Five new required electives that focus on research and academic experience with faculty mentors in the concentrations are offered.

Application requirements:

- Apply to only one concentration.
- Respond to application-based questions.
- Provide current CV.
- Have a P1 GPA  $\geq 3.00$  (4.00 scale).
- Submit at least one letter of recommendation; can submit up to three.

Each concentration offers a limited number of spaces.

## Year 1 Results

The first cohort of concentration students will start with the Fall 2023 P2 class. Each subsequent P2 class will have a new cohort of concentration students. In the first year, 21 P1 students applied. Two students did not meet the minimum GPA. Seventeen students were accepted.

## Applicant Characteristics

Applicants	21 (18 Chicago, 3 Rockford)
Gender	Female = 12 (57%), Male = 9 (43%)
Ethnicity	Asian = 2 (9.5%) Black/African American = 3 (14.3%) Hispanic = 4 (19%) White = 12 (57.1%)
Recommendations	Average = 2
Applicant Average GPA	3.74

## Year 1 Results

Concentration	Campus		Accepted
	Chicago	Rockford	
Acute Care Pharmacy	7	0	5
Ambulatory Care Pharmacy	5	1	5
Experimental Therapeutics and Clinical Research	1	2	3
Health Economics and Outcomes Research	3	0	3
Pharmacy Administration & Leadership	2	0	1
Pharmaceutical Sciences	0	0	-
Total Applications	18	3	17
% of P1s	11%	16%	

Initial interest in the new concentrations was high based on the number of visits to a newly developed website and the number of questions that were submitted to the Concentration Leaders.

Overall, the application process was successful; students expressed interest in 5 out of the 6 new concentrations.

Successful completion of a concentration is included in the student's official transcript.

Plan to promote the concentrations to the incoming P1s (Class of 2027) at their orientation and throughout the fall and spring semester.

With the recent establishment of a Bachelor of Science in Pharmaceutical Sciences program, the college hopes to see more interest in the Pharmaceutical Sciences concentration over time.

## Webpage

Webpage link:  
[PharmD Concentrations | College of Pharmacy - Chicago | Rockford | University of Illinois Chicago \(uic.edu\)](#)

