

# Doctor of Pharmacy

## Degrees Available at SIUE

- Doctor of Pharmacy (PharmD)
- PharmD and Master of Business Administration (MBA) concurrent degrees
- PharmD and Master of Science in Healthcare Informatics (MSHI)

## Certificates

- Healthcare Information Systems
- Organizational Leadership

## Specializations

- Pharmacy Education
- Pharmacy Pediatrics

## Pharmacy at SIUE

The SIUE School of Pharmacy, the only pharmacy school in Southern Illinois, maintains a small cohort of about 80 students. The students admitted each year form a tight-knit community, lending each other encouragement and support throughout the program.

The School offers a fully accredited, four-year doctor of pharmacy (PharmD) 2+4 program. This means that students must first complete the pre-pharmacy curriculum and then, if admitted, complete the four-year PharmD program.

Students learn from world-class faculty who are nationally recognized for their experience, innovations and leadership. The faculty is dedicated to preparing students to be pharmacy professionals, scholars and leaders who will improve the health and well-being of the region and beyond.

In the School's state-of-the-art learning environment and facilities, faculty and students are involved in a variety of research projects to improve drug design and development, drug delivery, and disease therapy. They also conduct clinical research designed to directly improve patient care.

## Hands-On Learning

Hands-on, or experiential, learning is a major component of the PharmD curriculum (approximately 30 percent), which allows students to bridge the classroom and the pharmacy practice environments beginning in their first semester. The School of Pharmacy has established relationships with practicing pharmacists at numerous rotation sites in the surrounding area, throughout Illinois and nationally.

The School also uses service learning as a strategy to integrate meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility and strengthen communities.

## Admission Requirements

### Conditional Entry Program Admission

Incoming freshmen who enter SIUE directly from high school may be considered for the Conditional Entry Program (CEP). The CEP is an early assurance program that allows selected students to earn direct admission to the SIUE School of Pharmacy (SOP). In order to qualify for consideration to the CEP, students must apply to the Meridian Scholars Program at SIUE and upload a supplemental personal statement indicating an interest in pharmacy to the Meridian Scholars Program application. On a competitive basis, candidates will be invited to interview and the top candidates will receive a formal invitation to participate in the CEP.

### Traditional Admission

Admission to the professional program of the School of Pharmacy is limited and competitive. For this reason, achieving the minimum admission requirements does not guarantee admission. To be considered for admission to the PharmD program in the School of Pharmacy, candidates must:

- Complete the pre-pharmacy curriculum by the end of the spring term prior to planned enrollment in the School of Pharmacy.
  - All courses listed in the pre-pharmacy curriculum must be completed with a grade of C or better.
  - Applicants must have a minimum grade point average of 2.75 (on a 4.0 scale) in each of the following: cumulative grade point average for all post-secondary courses attempted (excluding graduate courses), pre-pharmacy curriculum grade point average, and pre-pharmacy science and mathematics grade point average.
- Complete a PharmCAS application and keep the PharmCAS record updated.
- Take the Pharmacy College Admission Test (PCAT) and scores must be submitted directly to PharmCAS.
- Meet the technical standards for admissions and continued enrollment. For details, please visit [siue.edu/pharmacy](http://siue.edu/pharmacy).
- Successfully complete an on-campus professional program interview and writing assessment.

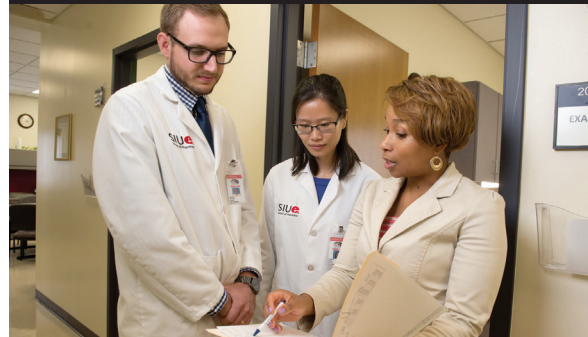
Based on the criteria above, the top candidates will be invited to matriculate in the PharmD program.

## Graduation Requirements

Students are eligible to graduate when all of the following criteria have been met:

- Successful completion of the PharmD curriculum as approved by the faculty in the School of Pharmacy
- Completion of 10 credit hours of electives
- Academic good standing with a cumulative GPA of 2.0 or above

## School of Pharmacy



## Pharmacy by the Numbers

- 90%** On-time graduation rate
- 96%** Overall graduation rate
- 96%** Overall NAPLEX pass rate
- 851** Total Alumni
- 3.53** Average cumulative GPA of incoming students
- 53** Average PCAT composite
- 82** Students admitted to the program each year
- 11** Pharmacy student organizations
- 1,760** Experiential learning hours
- 2** years Pre-pharmacy curriculum
- 4** years PharmD program

## Career Opportunities

Since the practice of pharmacy is a vital part of a complete healthcare system, and the number of people requiring healthcare services has steadily increased, the demand for pharmacists is expected to continue. Due to many of society's changing social and health issues, pharmacists will face new challenges, expanded responsibilities and an ever-increasing growth in opportunities.

## Global Opportunities

SIUE School of Pharmacy students have numerous global education opportunities. Independent Studies, Capstone Projects, and APhA-ASP International Pharmaceutical Students' Federation (IPSF) are just a few of the ways to create new partnerships and open the door for more global experiences. Students gain cultural awareness, exposure to health disparities, world perspective, understanding of diverse healthcare systems, alternative medicine knowledge, maturity, tolerance and compassion from global education experiences.

The SIUE School of Pharmacy has engaged in sending and receiving students from several countries including Australia, Costa Rica, Croatia, Czech Republic, Ecuador, Ghana, Guatemala, Haiti, Hungary, India, Israel, Jamaica, Poland, Portugal and Venezuela and is continually searching for new global partners and opportunities.

## Sample Curriculum

Students pursuing the PharmD degree are not required to complete the University general education requirements. However, students are required to complete the pre-pharmacy curriculum listed below. Completion of the pre-pharmacy course requirements does not guarantee admission to the SIUE School of Pharmacy. In addition, courses that will meet the SIUE pre-pharmacy requirements may not meet the requirements for completion of other majors at SIUE.

### Sample Pre-Pharmacy Curriculum

	Year 1		Year 2	
Fall	CHEM 121a – General Chemistry I	4	BIOL 240a – Human Anatomy & Physiology I	4
	CHEM 125a – General Chemistry Lab I	1	CHEM 241a – Organic Chemistry I	3
	ENG 101 – English Composition I	3	PHYS 131/131L – College Physics I	5
	BIOL 150 – Intro to Biological Sciences I	4	ACS 101 or 103 – Oral Expression	3
	RA 101 – Reasoning & Argumentation (recommended) or any PHIL course	3	ECON 111/112 – Principles of Macro/Microeconomics	3
	Total Credits	15	Total Credits	18
Spring	BIOL 151 – Intro to Biological Sciences II	4	BIOL 350 – Microbiology or BIOL 250-Bacteriology	4
	CHEM 121b – General Chemistry II	4	BIOL 240b – Human Anatomy & Physiology II	4
	CHEM 125b – General Chemistry II Lab	1	CHEM 241b – Organic Chemistry II	3
	MATH 150 – Calculus I or MATH 145 – Calculus for the Life Sciences	5	CHEM 245 – Organic Chemistry Lab	2
	ENG 102 – English Composition II	3	STAT 244 – Statistics	4
	Total Credits	17	SOC 111 or PSYC 111	3
		Total Credits	20	

### Sample PharmD Curriculum

	First Professional Year		Second Professional Year	
Fall	PHPS 700 – Principles of Drug Action I	4	PHPS 720N – Pharmacokinetics	3
	PHPS 702 – Biochemical Principles for Pharmacy	3	PHAS 728N – Pharmacy Management I	2
	PHPS 704 – Biopharmaceutics and Drug Delivery I	2	PHPT 730A – Integrated Pharmacotherapeutics I	4
	PHAS 708 – Healthcare Systems	3	PHPT 730B – Integrated Pharmacotherapeutics II	4
	PHPR 711 – Drug Information	2	PHPR 735N – Physical Assessment & Patient Care Skills	2
	PHAS 716 – Ethical Issues in Health Care	1	PHPR 738A – Pharmacy Skills Lab III	1
	PHPR 718A – Pharmacy Skills Lab I	1	PHEP 739A – Personal and Professional Development III	3
	PHEP 719A – Personal and Professional Development I	2	Total Credits	19
Total Credits	18			
Spring	PHPS 701 – Principles of Drug Action II	2	PHPS 703 – Principles of Pharmacogenomics	2
	PHPS 705N – Biopharmaceutics and Drug Delivery II	3	PHAS 709 – Healthcare and Financial Management	2
	PHPS 707N – Pharmacy Calculations	1	PHPT 730C – Integrated Pharmacotherapeutics III	4
	PHPR 710 – Biomedical Literature Evaluation	3	PHPT 730D – Integrated Pharmacotherapeutics IV	4
	PHPS 712 – Immunology and Immunization Training	3	PHPR 738B – Pharmacy Skills Lab IV	1
	PHPR 713N – Self Care & Alternative Medicines	3	PHEP 739B – Personal and Professional Development IV	3
	PHPR 718B – Pharmacy Skills Lab II	1	PHPR 744 – Health Promotion & Literacy	2
	PHEP 719B – Personal and Professional Development II	1	Total Credits	18
Total Credits	17			

### Third Professional Year

	Third Professional Year		Fourth Professional Year	
Fall	PHAS 733N – Pharmacy Law	2	PHEP 784 – APPE (Specialized Practice)	6
	PHPT 750A – Integrated Pharmacotherapeutics V	4	PHEP 782 – APPE (Ambulatory Care)	6
	PHPT 750B – Integrated Pharmacotherapeutics VI	4	PHEP 783 – APPE (Acute Care/General Medicine)	6
	PHAS 756 – Pharmacy and Population Health	2	Total Credits	18
	PHPR 758A – Pharmacy Skills Lab V	1		
	PHEP 759A – Personal and Professional Development V	1		
	Electives	5		
Total Credits	19			
Spring	PHEP 751 – Essentials of Research Application	1	PHEP 784 – APPE (Specialized Practice)	6
	PHAS 754 – Pharmacy Management II	2	PHEP 784 – APPE (Specialized Practice)	6
	PHPT 750C – Integrated Pharmacotherapeutics VII	4	PHEP 789 – APPE (Senior Project: Research Application for Patient Care)	3
	PHPT 750D – Integrated Pharmacotherapeutics VIII	4	Total Credits	15
	PHPR 758B – Pharmacy Skills Lab VI	1		
	PHEP 759B – Personal and Professional Development VI	1		
	Electives	5		
Total Credits	18			
Sum	PHEP 780 – APPE (Community Pharmacy)	6		
	PHEP 781 – APPE (Hospital Pharmacy)	6		
	Total Credits	12		

### Contact Information

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