

DOCTORAL

Doctor of Pharmacy

School of Pharmacy

SIUE

siue.edu/doctor-of-pharmacy

Pharmacy at SIUE What sets us apart?

We maintain a small cohort of 80 students, and those who are admitted each year form a tight-knit community, lending encouragement and support to one another throughout the program.

As the only pharmacy school in southern Illinois, we offer 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.

Our 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 our state-of-the-art learning environment and facilities, faculty and students conduct clinical research designed to directly improve patient care, and they are also involved in a variety of research projects to improve:

- Drug design and development
- Drug delivery
- Disease state therapy

Degrees Available at SIUE

- Doctor of Pharmacy (PharmD)
- PharmD and Master of Business Administration (MBA) concurrent degrees
- PharmD and Master of Public Health (MPH) concurrent degrees
- PharmD and Master of Science in Healthcare Informatics (MSHI) concurrent degrees
- PharmD and Master of Science in Pharmaceutical Sciences concurrent degrees

Certificates

- Healthcare Information Systems
- Organizational Leadership

Specializations

- Pharmacy Acute Care
- Pharmacy Education
- Pharmacy Pediatrics

What can I do with a degree in pharmacy?

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.

Admission Requirements

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 GPA of 2.75 (on a 4.0 scale) in both pre-pharmacy curriculum GPA and pre-pharmacy science and mathematics GPA
- Complete a PharmCAS application and keep the PharmCAS record updated
- Meet the technical standards for admissions and continued enrollment. For details, please visit 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

Traditional Admission Application Procedures

Applications are submitted via PharmCAS at pharmcas.org. Students should begin the application for the PharmD one year before their anticipated start date. Completed applications will be considered by the School of Pharmacy admissions committee. Selected students will be invited for an on-campus interview and writing assessment. All applicants must complete the PharmCAS application and submit the following credentials to PharmCAS:

- Official copies of all college and university transcripts
- Letters of recommendation

SOUTHERN ILLINOIS UNIVERSITY
EDWARDSVILLE
GRADUATE SCHOOL

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.

Year 1

Year 2

	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
	FST 101 - First Semester Transition	1	Total Credits	18
Total Credits	16			
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

	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	1	PHPR 735N - Physical Assessment & Patient Care Skills	2
	PHAS 716 - Ethical Issues in Health Care	1	PHPR 738A - Pharmacy Skills Lab III	1
	PHPR 717 - Patient-Centered Communication	1	PHEP 739A - Personal and Professional Development III	3
	PHPR 718A - Pharmacy Skills Lab I	1	Total Credits	19
	PHEP 719A - Personal and Professional Development I	2		
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

Fourth Professional Year

	Third Professional Year	Fourth Professional Year		
Fall	PHAS 733N - Pharmacy Law	2	PHEP 782 - APPE (Ambulatory Care)	6
	PHPT 750A - Integrated Pharmacotherapeutics V	4	PHEP 783 - APPE (Acute Care/General Medicine)	6
	PHPT 750B - Integrated Pharmacotherapeutics VI	4	PHEP 784 - APPE (Specialized Practice)	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: (ImPaCT: Improving Patient Care for Tomorrow)	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		

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

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Contact Information

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