Doctor of Pharmacy / Master of Science in Healthcare Informatics at SIUE

Healthcare informatics merges computer technology and clinical expertise to effectively organize, analyze, manage and use clinical knowledge and data for problem solving and decision making. Knowing that these skills are valuable to future pharmacists, SIUE offers a concurrent Doctor of Pharmacy and Master of Science in healthcare informatics (MSHI) program.

Students pursuing this program will benefit from:
• An understanding of how informatics fit within the healthcare system and patient care
• Increased marketability for positions that combine these fields
• A growing field with opportunity for advancement
• Money saved from reduced credit hours

Degrees Available at SIUE
• Doctor of Pharmacy/Master of Science in Healthcare Informatics

PharmD/MSHI Application Procedures
• No later than March 15 of the P1 year, pharmacy students must submit an application available from the School of Pharmacy Office of Professional and Student Affairs.
• All applicants to the PharmD/MSHI program must request that official transcripts be forwarded to Graduate Admissions from all postsecondary institutions the applicant has attended.
• Students who took pre-pharmacy courses at SIUE and have a complete set of transcripts on file with the University need not submit transcripts.
• Applicants will be notified of their admission status no later than April of the P1 year.

For more information on the PharmD/MSHI, contact the Office of Professional and Student Affairs at pharmacy@siue.edu or 618-650-5150.

Admission Requirements
Admission to the concurrent degree program is limited and competitive. Students who choose to pursue this option will begin to take courses for the Master of Science in healthcare informatics (MSHI) only after they have completed the first year of the professional pharmacy program (P1). Students must have earned a minimum GPA of 3.0 during the P1 year. Additionally, students must meet all admission requirements for the Graduate School and all admission requirements for the MSHI program.
Graduation Requirements
Students enrolled in the concurrent program will need to maintain a cumulative GPA of 3.0 or higher in the graduate courses. Furthermore, the retention policy for the Master of Science in healthcare informatics (MSHI) applies to the graduate courses in the concurrent program. The School of Pharmacy academic standards and progression policies apply to the PharmD courses in the concurrent program. Students who trigger the retention policy in the MSHI program and/or are placed on pharmacy academic probation must meet with both the MSHI program director and the School of Pharmacy Office of Professional and Student Affairs to discuss a retention and remediation plan.

Program of Study
Concurrently enrolled PharmD/Master of Science in healthcare informatics (MSHI) students will be allowed to use some pharmacy courses toward the completion of MSHI electives, and some MSHI courses toward the completion of pharmacy electives. Instead of 154 credit hours in the PharmD program and 36 credit hours in the MSHI program for a total of 190 credit hours, students in the concurrent program will take 145 hours in the PharmD program and 27 hours in the MSHI program for a total of 172 credit hours, resulting in a savings of 18 credit hours toward both degrees.

MSHI Degree Requirements
The MSHI program consists of 36 credit hours of online courses. PharmD students in the concurrent program will meet nine of these credit hours with the following required PharmD courses:

• PHAS 728N Pharmacy Management I (2 hours) and PHAS 754 Pharmacy Management II (2 hours) will substitute for PSYC 576 Graduate Seminar in Organizational Development (3 hours)
• PHAS 756 Pharmacy and Population Health (2 hours) will substitute for PBHE 455 Introduction to Epidemiology (3 hours)
• PHEP 789 ImPaCT Project (3 hours) will substitute for HCIM 596A Capstone I (1 hour), 596B Capstone II (1 hour), and 596C Capstone III (1 hour). The capstone/senior project must be healthcare informatics-focused and will be used to fulfill capstone requirements for both the PharmD and MSHI programs. The project must be approved by three graduate faculty members, one of which must be the MSHI program director.

PharmD Degree Requirements
Students enrolled in the concurrent program will meet nine credit hours of PharmD external electives with the following courses:

• NURS 509 Interdisciplinary Healthcare Informatics (3 hours)
• NURS 511 Social, Ethical and Legal Issues in an Information Age (3 hours)
• NURS 512 Managing Quality and Safety in Healthcare (3 hours)

In addition, students enrolled in the concurrent program have the option to take a School of Pharmacy approved elective or an independent study in order to fulfill the 10 credit hours of elective requirement for the PharmD program. Students will be required to focus the ImPaCT project on healthcare informatics.

Contact Information
School of Pharmacy
Phone: 618-650-5150
Email: pharmacy@siue.edu

siue.edu/pharmd-hcim

This information is concurrent with the 2022-2023 academic catalog. Courses are subject to change at any time.