



S c h o o l o f P h a r m a c y

**Philip J. Medon, Ph.D.
Dean and Professor**

www.siu.edu/pharmacy

SIUE is 50!

Since 1957, SIUE has grown from 1,776 students to nearly 13,500. Join us as we reflect upon and celebrate the accomplishments of students, faculty, alumni, and community members who have helped make SIUE the premier Metropolitan University we are today. Visit our Web site for 50th Anniversary event details:

www.siu.edu/50

School of Pharmacy

Professors: Crider, A.; Ferguson, P. (Provost and Vice Chancellor for Academic Affairs); Gupchup, G.; Luer, M.; Medon, P.; Poirer, T.; Siganga, W.

Associate Professors: Kolling, W.M.; Lynch, J.C.; McPherson, T.B.

Assistant Professors: Bergman, S.; Devraj, R.; Herndon, C.M.; Karpinski, J.P.; Kerr, J.L.; Kwon, G.; Lubsch, L.M.; Nieto, M.J.; Reaka, A.J.; Santanello, C.R.; Timpe, E.M.; Wiley, L.M.; Worthington, R.E.; Wuller, W.R.

The School of Pharmacy is SIUE's newest academic program, and represents a significant expansion of SIUE's educational offerings in the area of health sciences for southern and central Illinois. The School offers a 4-year professional pharmacy program, leading to the Doctor of Pharmacy Degree (Pharm.D.). The School of Pharmacy will consider applications from qualified students who have completed a defined pre-professional curriculum at accredited colleges or universities. The professional pharmacy program will comprise didactic, laboratory and clinical experiences.

Vision Statement

The School of Pharmacy, located in a major metropolitan university, is committed to providing excellence in pharmaceutical education and the development of pharmacy leaders as a service to the community and the improvement of the quality of health care services.

Mission Statement

The mission of the School is to prepare pharmacist practitioners capable of providing high-quality health care to meet the diverse pharmaceutical care needs of the citizens of Illinois and to serve the profession of pharmacy through a balanced program of education, research, service and patient care. The School of Pharmacy embraces the educational philosophy of the University that is dedicated to communication, expansion and integration of knowledge through excellence in its teaching programs; through the scholarly, creative and research activity of its faculty, staff and students; and through professional and community service.

Goals

The goals of the School of Pharmacy are:

- 1 To prepare graduates of the professional program to apply the pharmaceutical, social, administrative, and clinical sciences in order to deliver pharmaceutical care in a manner which promotes positive health outcomes and an interdisciplinary role.
- 2 To foster intellectual curiosity and a commitment to life long learning.
- 3 To provide programs, services, and resources that fosters an environment for the personal and professional growth of students, alumni, practitioners and faculty.
- 4 To contribute to the advancement of the clinical, basic medical and pharmaceutical sciences.
- 5 To contribute to the advancement of pharmacy practice through research and scholarship and by service to the profession.
- 6 To inculcate a spirit of respect for diversity and good citizenship.

The Doctor of Pharmacy (Pharm.D.) Degree

Graduates of the SIUE School of Pharmacy will earn the Doctor of Pharmacy (Pharm.D.) degree. This program requires at least 2 years of a specific pre-pharmacy curriculum followed by 4 academic years of a professional pharmacy program.

Pre-pharmacy Curriculum: The defined pre-pharmacy curriculum contains a strong emphasis on biology, chemistry, mathematics and physics, along with specific general education courses.

Science and Mathematics Requirements	49
BIOL120-Animal Systems	4
BIOL121-Plant Systems	4
BIOL240a, b-Human Anatomy and Physiology	8
CHEM 121a, b; 125a, b-Genreal Chemistry with labs .	10
CHEM241a, b; 245-Organic Chemistry with lab	8
MATH150-Calculus	5
PHYS206a, b-College Physics with labs	10
General Education Requirements	21
ENG101-English Composition I	3
ENG102-English Composition II	3
ECON111 or 112-Macro or Microeconomics	3
PHIL106-Critical Thinking	3
One of the following:	
SPC103- Interpersonal Communication	
SPC105-Public Speaking	3
One of the following:	
SOC111-Introduction to Sociology	
PSY111-Foundations of Psychology	
POLS111-Introduction to Political Science	3
One of the following:	
ART111-Introduction to Art	

A literature course	
MUS111-Introduction to Music History/Literature	
THEA111-The Dramatic Experience	3
Total	70

Doctor of Pharmacy (Pharm.D.) Curriculum

Fall Semester ----- First Professional Year

PHPS 700 Principles of Drug Action I	4
PHPS 702 Biochemical Principles for Pharmacy.....	3
PHPS 704 Biopharmaceutics and Drug Delivery I	2
PHPR 706 Introduction to Pharmacy Practice.....	2
PHAS 708 Health Care Systems.....	3
PHPR 710 Statistics and Literature Evaluation.....	3
PHEP 714 Introductory Pharmacy Practice Experience I: Professional Role Observations.....	1
Total	18

Spring Semester ----- First Professional Year

PHPS 701 Principles of Drug Action II.....	2
PHPS 703 Molecular Biology and Pharmacogenomic Principles....	2
PHPS 705 Biopharmaceutics and Drug Delivery II.....	2
PHPS 707 Pharmacy Skills and Techniques.....	2
PHAS 709 Health Care and Financial Management.....	2
PHPR 711 Drug Information.....	3
PHPR 713 Self Care and Alternative Medicines.....	4
PHEP 715 Introductory Practice Experience II: Service Learning...1	
Total	18

Fall Semester ----- Second Professional Year

PHPS 720 Biopharmaceutics and Drug Delivery III.....	3
PHPS 722 Microbiology and Immunology.....	3
PHPT 724 Integrated Pharmacotherapeutics: CV/Renal.....	5
PHPT 726 Integrated Pharmacotherapeutics:.....	4
Endocrine/Metabolic/Nutrition	
PHAS 728 Human Resources Management.....	2
PHEP 730 Introductory Pharmacy Practice Experiences III.....	1
PHEP 732 Pharmacy Rounds I (Taken either Fall or Spring)*	
Total	18-19*

Spring Semester ----- Second Professional Year

PHPR 721 Clinical Pharmacokinetics.....	2
PHPT 725 Integrated Pharmacotherapeutics:.....	4
Infectious Diseases	
PHPT 727 Integrated Pharmacotherapeutics:.....	5
GI/Rheumatology/Pulmonary	
PHEP 731 Introductory Pharmacy Practice Experience IV.....	1
PHEP 732 Pharmacy Rounds I (Taken Fall or Spring)*	1
PHAS 733 Pharmacy Law and Ethics.....	3
PHPR 735 Physical Assessment and Patient Care Skills.....	3
Total	18-19*

Fall Semester ----- Third Professional Year

PHPT 740 Integrated Pharmacotherapeutics:.....	4
Psychiatry and Neurology	
PHPT 742 Integrated Pharmacotherapeutics:.....	2
Women and Men's Health	
PHPR 744 Health Promotion and Literacy.....	3
Electives.....	6
PHEP 746 Pharmacy Rounds II.....	1
PHPR 748 Medication Management Training I	1
PHPR 750 Medication Management Training II	1
Total	18

Spring Semester ----- Third Professional Year

PHPT 741 Integrated Pharmacotherapeutics: (upon approval).....	4
Oncology/Hematology	

PHTP 743 Integrated Pharmacotherapeutics: (upon approval).....	2
Eyes, Ears, Dermatology and Others	
PHPS 745 Biotechnology.....	2
PHEP 747 Pharmacy Rounds III.....	1
PHPR 749 Medication Management Training III (upon approval).....	1
PHPR 751 Senior Project.....	1
*Management Selective.....	2
*Choose one from:	
PHAS 753 Management Elective: Community	
PHAS 755 Management Elective: Institutional	
PHAS 757 Management Elective: Clinical	
Electives.....	5
Total	18

Fourth Professional Year ----- Advanced Pharmacy Practice Experience (APPE)

PHEP 780 APPE I (Community).....	5
PHEP 781 APPE II (Institutional).....	5
PHEP 782 APPE III (Ambulatory Care).....	5
PHEP 783 APPE IV (Acute Care).....	5
PHEP 784 APPE V (Elective) (upon approval).....	5
PHEP 785 APPE VI (Elective) (upon approval).....	5
PHEP 786 APPE VII (Elective) (upon approval).....	5
PHEP 787 APPE VIII (Elective) (upon approval).....	5
Total	40
Grand Total	149

(Course descriptions for first- and second-year courses only are listed in this catalog.)

Admission Procedures

Admissions to the professional program of the School of Pharmacy are limited and are therefore competitive. Specific admissions criteria are determined annually by the Admissions Committee and may be changed without notice. The following is a summary of the admission requirements and procedures:

Minimum Pre-pharmacy Requirements: All courses listed in the Pre-pharmacy Curriculum must be completed with a minimum grade of "C" prior to enrollment in the professional program of the School of Pharmacy. In order to be considered for admission to the professional program, the minimum cumulative and pre-pharmacy grade point averages are 2.50. Attaining these minimums does not guarantee admission, and specific minimums may be modified depending on the size of the applicant pool.

PCAT: Applicants must take the Pharmacy College Admissions Test (PCAT) prior to application and have the scores sent directly to the School of Pharmacy at SIUE.

Resident Status: Non-resident applicants may be considered for admission to the School of Pharmacy. The Dean may admit exceptional non-resident applicants to the pharmacy program as determined by academic records, personal and professional characteristics, and upon recommendation of the Admissions Committee.

Professional Program Application: Admission applications will be available on-line or by mail. Application availability and deadline dates are posted on the School of Pharmacy website at: www.siu.edu/PHARMACY. The application includes:

- personal information, including demographics,
- educational information summary,
- official copies of all college and university transcripts,
- letters of support,
- a non-refundable application fee.

Professional Program Interview and Writing Exercise:

Information obtained from all the aforementioned sources will be assembled into an individual applicant dossier for consideration by the Admissions Committee of the School of Pharmacy. Selected applicants (selection to be based on academic performance and strength of application) will be invited to SIUE for an on-campus interview. These selected applicants will be interviewed by selected faculty and pharmacy practitioners who will assess the applicant's academic preparation, motivations, and suitability for a career in pharmacy.

Admissions Decision: Following completion of the Professional Program Interview, the Admissions Committee will consider all aspects of the applicant's dossier and make recommendations regarding admission to the Dean. Only at this point will applicants be notified of their admission status. Admitted applicants will be required to submit an admissions deposit to hold their space in the admissions class.

For more information, contact:

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