

## Doctor of Pharmacy Programs Educational Planning Guide

Chicago State University, Midwestern University, Roosevelt University, Rosalind Franklin University of Medicine and Science, Southern Illinois University Edwardsville, University of Illinois

Pharmacists distribute prescription drugs to individuals. They also advise their patients, as well as physicians and other health practitioners, on the selection, dosages, interactions, and side effects of medications. Pharmacists monitor the health and progress of patients to ensure the safe and effective use of medication. Compounding—the actual mixing of ingredients to form medications—is a small part of a pharmacist’s practice, because most medicines are produced by pharmaceutical companies in a standard dosage and drug delivery form. Most pharmacists work in a community setting, such as a retail drugstore, or in a health care facility, such as a hospital, nursing home, mental health institution, or neighborhood health clinic. Most pharmacists keep confidential computerized records of patients’ drug therapies to prevent harmful drug interactions. Pharmacists are responsible for the accuracy of every prescription that is filled, but they often rely upon Pharmacy technicians and pharmacy aides to assist them in the dispensing process. Thus, the pharmacist may delegate prescription-filling and administrative tasks and supervise their completion. Pharmacists also frequently oversee pharmacy students serving as interns.

Employment of pharmacists is expected to increase by 6 percent from 2016 to 2026, as fast as average for all occupations. As a result of rapid growth and the need to replace workers who leave the occupation, job prospects should be excellent. The median annual wage for pharmacists was \$ 124,170 in May 2017. The lowest 10 percent earned less than \$87,420, and the top 10 percent earned more than \$159,410. (Source: Bureau of Labor Statistics, U.S. Department of Labor)

Pharmacists must earn a PharmD degree from an accredited college or school of pharmacy. The PharmD degree generally requires a minimum of 6 academic years. Two years of prescribed pre-pharmacy courses (which may be taken at CLC) and four years of full-time attendance in the professional program.

**The following is a list of area schools that offer Doctor of Pharmacy degree programs. Some of the required course prerequisites for these programs may be taken at CLC.**

### **CHICAGO STATE UNIVERSITY-College of Pharmacy**

*90 students admitted each Fall*

The PharmD requires a minimum of 6 academic years: two years of prescribed pre-pharmacy courses, four years of full-time attendance in the professional program and the last year is experiential rotations in practice sites.

Website: <http://www.csu.edu/collegeofpharmacy/>

9501 S King Dr., Chicago IL 60628

Email: [pharmacy@csu.edu](mailto:pharmacy@csu.edu); 773-821-2500

Tuition varies depending on residency and if a student lives on or off campus. For more information visit

<https://www.csu.edu/financialaffairs/bursar/tuition>

### Program Admission Requirements:

- The application is available via the PharmCas system at [www.pharmacas.org](http://www.pharmacas.org). Official college transcripts must be sent to PharmCas as well.
- Students must also submit a supplemental application and \$50 application fee to Chicago State.
- GPA of at least at 2.5 in math and science courses and a 2.5 overall GPA. However, admission is highly competitive and the average GPA of the inaugural class was 3.2.
- Applicants must submit PCAT scores. Students should take the PCAT no later than the January test date prior to the Fall admission year they are interested in. Information on registration and test site locations can be found at [www.pcatweb.info](http://www.pcatweb.info).
- Complete interview process - by invitation only.

FOR MORE INFORMATION CONTACT

Grayslake Counseling Center/A-124, 543-2060

Transfer Guides can be viewed online at <http://www.clcillinois.edu/transerinfo>

- Reflect a people/service orientation through community service or extracurricular activities. Reflect proper motivation for and commitment to the pharmacy profession as demonstrated by previous work, volunteer, or other life experiences.
- CSU requires at least 62 semester hours of non-remedial college coursework be completed prior to matriculation. Applicants for Fall must successfully complete ALL course prerequisites by the end of the prior Spring term.
- Complete the following pre-pharmacy course prerequisites at CLC w/grade of 'C' or higher -
  1. ENG 121 and 122
  2. CMM 121
  3. BIO 161 and 162
  4. BIO 244 and BIO 245
  5. CHM 121 and 123
  6. CHM 222 and 223
  7. PHY 121 or 123
  8. MTH 145 and MTH 222
  9. PSY 121 or SOC 121
  10. ECO 221 or 222

Eleven additional semester hours of general education electives divided equally among the social sciences, the humanities, fine arts, foreign language, business, or computer science; contact CSU for course recommendations.

#### **MIDWESTERN UNIVERSITY –Chicago College of Pharmacy**

*Approximately 202 students are admitted each Fall*

Length of PharmD program is 3 ½ years full time.

Website: [http://www.midwestern.edu/Programs\\_and\\_Admission/IL\\_Pharmacy.html](http://www.midwestern.edu/Programs_and_Admission/IL_Pharmacy.html)

555 31<sup>st</sup> Street, Downers Grove IL 60515

Email: [admissil@midwestern.edu](mailto:admissil@midwestern.edu); 630-515-7200

Tuition for 2018-2019 \$45,169

#### Program Admission Requirements:

- Applicants are required to submit online applications and application fees to PharmCAS by March the year prior to expected matriculation. In addition to the online applications and application fees, applicants must forward to PharmCAS official transcripts from all colleges and universities attended by the March 1st date.
- Direct submission of scores from the Pharmacy College Admissions Test (PCAT) to the Pharmacy College Application Service (PharmCAS).
- Applicants must submit two letters of recommendation from professionals to PharmCAS. It is required that one letter be from a college professor who has actually taught the student or a prehealth advisory committee. It is preferred that the second letter be from a pharmacist.
- After receiving the student's PharmCAS application from the application service, the Office of Admissions will email a supplemental application to all applicants who meet the minimum Overall and Science GPA requirement of a 2.5 (average admitted student GPA is 3.1).
- All application materials (PharmCAS application, PCAT scores, letters of recommendation, supplemental application) must be received in the Office of Admissions on or before April 1 for Fall admission.
- Complete interview process- by invitation only.
- Reflect a people/service orientation through community service or extracurricular activities. Reflect proper motivation for and commitment to the pharmacy profession as demonstrated by previous work, volunteer, or other life experiences.
- Pass the Midwestern University criminal background check.

FOR MORE INFORMATION CONTACT

Grayslake Counseling Center/A-124, 543-2060

Transfer Guides can be viewed online at <http://www.clcillinois.edu/transerinfo>

- Requires at least 62 semester hours of non-remedial prerequisite college coursework be completed prior to matriculation. Complete the following pre-pharmacy course prerequisites at CLC w/grade of 'C' or higher –
  1. ENG 121 and 122
  2. CMM 121
  3. BIO 161 and 162
  4. BIO 244 & 245
  5. CHM 121 and 123
  6. CHM 222 and 223
  7. PHY 121 or 123
  8. MTH 145 and MTH 222 or 142
  9. ECO 221 or 222
  10. 6 hours of Social/Behavioral Sciences: PSY 121, SOC 121, ANT 121
  11. 8 hours of General Education Electives: recommended courses include arts and humanities, foreign language, business, and computer courses. (Consult a Midwestern representative to ensure course transferability)

### **ROOSEVELT UNIVERSITY – College of Pharmacy**

*Approximately 66 students are admitted each Summer*

Roosevelt offers one of the few academic pharmacy programs in the nation to offer the PharmD in three years: students engage in a year-round program interspersed with vacation and break periods for three calendar years.

Website: <http://www.roosevelt.edu/pharmacy>

1400 N. Roosevelt Boulevard, Schaumburg, IL 60173

Email: [cop@roosevelt.edu](mailto:cop@roosevelt.edu) 847-330-4500

Tuition for 2018-2019 \$50,902/year

#### Program Admission Requirements:

- Applicants must complete and submit their application through the Pharmacy College Application Service (PharmCAS) at by the published deadline.
- Complete a minimum of 67 semester credit hours of pre-pharmacy study at an accredited college or university. Achieve a cumulative grade point average of 2.5 on a 4.0 scale for all courses completed. All math and science courses must have a minimum grade point average of 2.75. Earn a grade of C or better in all science and math courses. Earn a grade of C or better in all English and speech courses. Science and speech courses must be taken in an on-site learning environment. Complete all pre-pharmacy courses by June 1 of the desired year of entry.
- Applicants must submit three letters of recommendation to PharmCAS. If an institution prepares committee evaluations for students, those can be substituted for the three letters of recommendation.
- Applicants must submit PCAT scores. Arrange for the scores to be sent directly to PharmCAS using PCAT code 104. Information on registration and test site locations can be found at [www.pcatweb.info](http://www.pcatweb.info).
- Reflect the successful practice of service through community engagement or extracurricular-activities.
- Demonstrate the proper motivation for and commitment to the profession of pharmacy through previous work, volunteer or life experiences.
- Possess the oral and written communication skills necessary to interact successfully with patients.
- Complete interview process- by invitation only.
- Complete the following pre-pharmacy course prerequisites at CLC:
  1. ENG 121 and 122
  2. BIO 161 and 162
  3. BIO 244 and 245
  4. BIO 246
  5. CHM 121 and 123
  6. CHM 222 and 223
  7. PHY 121 or 123

FOR MORE INFORMATION CONTACT

Grayslake Counseling Center/A-124, 543-2060

Transfer Guides can be viewed online at <http://www.clcillinois.edu/transerinfo>

8. MTH 145 and MTH 222
9. CMM 111 or 121
10. ECO 221 or 222
11. Social and Behavioral Sciences 2 courses in: (Psychology, Sociology, Political Science, Anthropology)
12. Humanities 2 courses in: (Literature, Philosophy, Art–no studio or performance)

### **ROSALIND FRANKLIN UNIVERSITY OF MEDICINE AND SCIENCE - College of Pharmacy**

#### **A.S. TO PharmD Program**

Class size 68

<http://www.rosalindfranklin.edu/Degreeprograms/Pharmacy/apply.aspx>

3333 Green Bay Road, North Chicago, IL 60064-3095 • 847-578-3000

Annual Tuition for 2017-2018: \$35,763

The College of Pharmacy program gives priority status and considers admission to the Doctor of Pharmacy program for College of Lake County students. See RFUMS Pharmacy Transfer Guide at [www.clcillinois.edu/transferinfo](http://www.clcillinois.edu/transferinfo)

- Applicants must complete and submit their application through the Pharmacy College Application Service (PharmCAS) at by the published deadline.
- Complete a minimum of 60 semester credit hours of pre-pharmacy study at an accredited college or university. Achieve a cumulative grade point average of 2.5 on a 4.0 scale for all courses completed. All science courses must have a minimum grade point average of 2.5.
- Applicants must submit two letters of recommendation to PharmCAS.
- Applicants must submit PCAT scores. Arrange for the scores to be sent directly to PharmCAS using PCAT code 104. Information on registration and test site locations can be found at [www.pcatweb.info](http://www.pcatweb.info).
- Reflect the successful practice of service through community engagement or extracurricular-activities.
- Complete interview process- by invitation only.

Complete the following pre-pharmacy course prerequisites at CLC with a grade of C or better:

1. ENG 121 and 122
2. CMM 121
3. BIO 161 and 162
4. BIO 244\*
5. BIO 246
6. CHM 121 and 123
7. CHM 222 and 223
8. PHY 121\*
9. MTH 145\* and MTH 222 or 142
10. ECO 221 or 222 (social behavioral science elective)
11. PSY 121 (social behavioral science elective)
12. Elective: PHI 125 recommended (humanities elective)
13. Fine Arts Elective
14. Elective: recommend spanish

\*PHY 121 and BIO 244 are required for RFUMS, however many pharmacy programs require the sequences of PHY 121 & 122 and/or BIO 244 & 245 as prerequisites. If applying to additional pharmacy programs, consider taking both sequences at CLC. MTH 145 has college level prerequisite that must be completed before taking; see catalog course description for prerequisite options.

### **SOUTHERN ILLINOIS UNIVERSITY- EDWARDSVILLE – School of Pharmacy**

*Approximately 80 students are admitted each Fall*

PharmD students complete three years of didactic study on campus and a fourth year of advanced pharmacy practice experiences at various pharmacy practice sites.

Website: <http://www.siu.edu/pharmacy/>

Campus Box 2000, Edwardsville IL 62026

Email: [pharmacy@siue.edu](mailto:pharmacy@siue.edu); 618-650-5150

Tuition for Fall 2018: \$13,573/semester (program is 8 semesters)

FOR MORE INFORMATION CONTACT

Grayslake Counseling Center/A-124, 543-2060

Transfer Guides can be viewed online at <http://www.clcillinois.edu/transferinfo>

## Program Admission Requirements:

- The fall 2019 application cycle will be open in July of 2018. The dates of the SIUE School of Pharmacy application cycle can be found at [http://www.siu.edu/pharmacy/apply/app\\_cycle.shtml](http://www.siu.edu/pharmacy/apply/app_cycle.shtml)
- In addition to completing PharmCAS and the supplemental application, applicants must forward official transcripts from all colleges and universities attended to PharmCAS.
- Applicants must submit two letters of recommendation to PharmCAS.
- In selecting students for admission, the School will consider the applicant's cumulative grade point average (GPA), pre-pharmacy curriculum GPA, and GPA in science and mathematics courses. GPA requirement of at least a 2.75 in each area. However, admission is highly competitive and a higher GPA is encouraged.
- Applicants must submit PCAT scores directly to PharmCAS. Students should take the PCAT no later than September of the year prior to their intended start date. Information on registration and test site locations can be found at [www.pcatweb.info](http://www.pcatweb.info)
- Complete interview process- by invitation only.
- Complete the following pre-pharmacy course prerequisites at CLC w/grade of 'C' or higher –by the end of spring term prior to planned enrollment:
  1. ENG 121 and 122
  2. CMM 121
  3. BIO 161 and 162
  4. BIO 244 and 245
  5. BIO 246
  6. CHM 121 and 123
  7. CHM 222 and 223
  8. PHY 121 or 123
  9. MTH 222
  10. MTH 145
  11. ECO 221 or 222
  12. Behavioral/Social Science Course (e.g. Psychology, Sociology)
  13. Philosophy course

**UNIVERSITY OF ILLINOIS CHICAGO- College of Pharmacy**

*Approximately 206 total students are admitted each Fall (160 at the Chicago Campus and 50 at the Rockford Campus)*

The Doctor of Pharmacy degree is a minimum of six years of study: the first two years of pre-pharmacy coursework and the final four years of professional education are completed at the UIC College of Pharmacy.

Website: [www.uic.edu/pharmacy](http://www.uic.edu/pharmacy)

833 S Wood St, Rm 154 Chicago, IL 60612

Email: [pharmosa@uic.edu](mailto:pharmosa@uic.edu); 312-996-7242

In State Tuition for Fall 2018-2019: \$12,460/semester

## Program Admission Requirements:

- Complete a PharmCAS online application and keep the PharmCAS record up to date at all times. PharmCAS goes live in July each year. Complete applications (PharmCAS and Supplemental Materials) are reviewed on a first-come, first-served basis beginning in September and continuing through March.
- Two letters of recommendation must be submitted through PharmCAS; *one letter must be from a professor or a TA and one letter must be from a work or volunteer supervisor.*
- If invited, complete and submit supplemental application materials directly to the UIC College of Pharmacy. Supplemental materials must be submitted within two weeks of the invitation to submit them. However, as noted above, complete applications are considered on a first-come, first-served basis (i.e. they are considered as they come in). Supplemental application materials will **not** be made available to all applicants. Only those applicants who have a verified PharmCAS application and who meet the minimum GPA requirements will be invited to complete the supplemental application materials.

FOR MORE INFORMATION CONTACT

Grayslake Counseling Center/A-124, 543-2060

Transfer Guides can be viewed online at <http://www.clcillinois.edu/transerinfo>

- In selecting students for admission, UIC College of Pharmacy will consider the applicant's cumulative grade point average (GPA), pre-pharmacy curriculum GPA, and GPA in science and mathematics courses. GPA requirement of at least a 2.5 in each area at the time of application and thereafter. However, admission is highly competitive and a higher GPA is encouraged. The average Pre-Pharmacy GPA is 3.4.
- Applicants must submit PCAT scores. Take the PCAT prior to the application deadline. Information on registration and test site locations can be found at [www.pcatweb.info](http://www.pcatweb.info)
- Complete interview process - by invitation only.
- Must have completed a minimum of 67 semester hours.
- Complete the following pre-pharmacy course prerequisites at CLC w/grade of 'C' or higher by the end of the spring semester of the admission year.
  1. ENG 121 and 122
  2. CMM 121
  3. BIO 161 and 162
  4. BIO 244 and 245
  5. BIO 246
  6. BIO 149
  5. CHM 121 and 123
  6. CHM 222 and 223
  7. PHY 121 or 123
  8. MTH 145 and MTH 222
  9. 3 semester hours of Social & Behavioral Sciences (any Psychology, Sociology Political Science etc.)
  11. 3 semester credit hours in the Humanities(any art, philosophy, art, music).
  12. 4 semester hours of Biochemistry (**not offered at CLC**).

UIC College of Pharmacy offers prospective students opportunities for individual admissions advising appointments and information sessions throughout the year. For more information, please go to:

<https://pharmacy.uic.edu/programs/pharmd-professional-program/events-for-prospective-students/pre-pharmacy-admissions-advising-appointments>

**This transfer guide is designed to assist students with their academic planning. Every effort is made to maintain accurate information; however, this information is subject to frequent change. Students should contact the member institution to keep informed of changes, as final responsibility for verifying information rests with the student.**