

# School of **Pharmacy**



PREVIEW

# SIUE

# Overview

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# Structure of PharmD

**The PharmD (Doctor of Pharmacy degree) program is the only accredited entry-level program to practice pharmacy in the U.S.**

- BS in Pharmacy is no longer offered in U.S.
- BS or MS in Pharmaceutical Sciences does not permit licensure to practice pharmacy.

## **PharmD program formats:**

- 0-6 or 0-7 programs (0 years + 6 or 7 years)
  - +/- guaranteed admit to professional programs
- 2+4 programs (2 years + 4 years)
  - +/- early assurance programs
- Accelerated year-round programs (2+3 programs)
- Non-traditional PharmD programs for those with a BS in Pharmacy already

# Accreditation

The SIUE School of Pharmacy was granted full accreditation by the Accreditation Council for Pharmacy Education (ACPE) in June 2009. ACPE authorized the following statement:

*The Southern Illinois University Edwardsville School of Pharmacy Doctor of Pharmacy program is accredited by the Accreditation Council for Pharmacy Education, 20 North Clark Street, Suite 2500, Chicago, IL 60602-5109, 312/664-3575; FAX 312/664-4652, web site [www.acpe-accredit.org](http://www.acpe-accredit.org).*

***In 2015, full accreditation by ACPE was extended for the maximum of 8-years through 2023.***

# Pharmacy Curriculum at SIUE

## 2+4 program

- 2 years pre-professional/general education studies (undergrad tuition/fees)
- 4 years of professional program @ SIUE (pharmacy tuition/fees includes laptop)

## 2/3 didactic & 1/3 experiential education

### 18 week semesters (fall and spring P1-P3) with 3 of those weeks spent in “other programming” (outside the traditional classroom)

- Experiential education (P1/P2)
- Professional and Personal Development Sequence (P1-P3)
- Immunization training (P1)
- Skills and Performance-based testing (P1-P3)

# Pharmacy Curriculum at SIUE

**P4 year includes the summer – 3 semesters; tuition ~2.45 semesters**

**Tuition Model – in-state for residents from all 50 states**

**Full-time program (17-19 credit hours/semester)**

- Integrated courses – 8 courses with pathophysiology, medicinal chemistry, pharmacology, and pharmacotherapeutics

**Curricular Options:**

- PharmD/MBA
- Education Specialization
- Pediatrics Specialization

# Pharmacy Curriculum at SIUE

- Low attrition rate: on average, 91% of students admitted into the School of Pharmacy graduate on-time
  - 96.8% overall graduation rate with PharmD degree
- On average, first-time board pass rates are excellent:
  - 2009-2017 (SIUE averages: 95.7% NAPLEX; 93.4% MPJE)
  - 2016 NAPLEX:
    - IL Schools – 68.7%, 76.2%, 81.7%, 83.3%, 86.7%, **91.9% (SIUE)**
    - MO Schools – 79.9%, 81.5%
    - State & National Average – 82.6% & 85.9%
  - 2017 NAPLEX:
    - IL Schools – 77.6%, 78.3%, 79.6%, 80.0%, 92.7%, **92.9% (SIUE)**
    - MO Schools – 88.0%, 89.4%
    - State & National Averages – 84.9% & 88.0%

<https://nabp.pharmacy/wp-content/uploads/2018/02/NAPLEX-Pass-Rates-2017.pdf>

# Admissions Pathways

## Two pathways for admission into the SIUE School of Pharmacy

- Traditional pathway
- Early Assurance Program - Conditional Entry Program (CEP)

Each pathway requires the completion of all pre-pharmacy coursework before admission to the School of Pharmacy. Without dual credit coursework, it requires at least 2 academic years to complete.

### Traditional Pathway

- College students complete all or majority of pre-pharmacy coursework and apply to the program. Rolling Admissions start a year before pharmacy school starts.
- Encompasses the majority of all students in program.

### Conditional Entry Program (CEP)

- High school seniors who meet the academic requirements for Meridian Scholars Program may apply for consideration. If accepted into CEP and achieve the academic requirements, the student will be admitted into the pharmacy program.



# Traditional Pathway - Admissions Criteria

- Grade Point Average (GPA)
  - Overall cumulative GPA (cGPA)\*
  - Pre-Pharmacy GPA (ppGPA)\*
  - Pre-Pharmacy Math/Science GPA (msGPA)\*
- PCAT (Pharmacy College Admissions Test)
- Letters of Recommendation
- Interview
- Writing Assignment

# Class Demographics

Admission Class	2015 TRAD	2016 TRAD	2017 TRAD	2018 TRAD	2019 BOTH	2020 BOTH	2021 BOTH	2022 BOTH
<b>Total Students</b>	80	81	81	81	81	82	84	82
<b>Academic Averages</b>								
<b>Cumulative GPA</b>	3.65	3.54	3.52	3.52	3.53	3.54	3.66	3.62
<b>Pre-Pharm GPA</b>	3.68	3.60	3.56	3.55	3.53	3.56	3.68	3.62
<b>Sci/Math GPA</b>	3.61	3.53	3.48	3.44	3.43	3.45	3.60	3.54
<b>PCAT</b>	62	64	63	58	64	62	60	62

TRAD – traditional admissions; BOTH – traditional plus conditional entry program admissions (CEP)

# Traditional Admission – Important Dates

**Begin the application process one full year before you want to enter the School of Pharmacy. The schedule below is for students seeking admission for fall 2019.**

- July 2018 – PharmCAS applications available
- September, 2018 – Last date to apply for early decision program (EDP)
  - October, 2018 – Notification of EDP status
- November, 2018 – Last date to take the PCAT exam for SIUE (pcatweb.info)
- February 1, 2019 – Last applications accepted
- September, 2018 – March, 2019 – Interview/writing assessments
- September, 2018 – March, 2019 – Admission decisions
- Early August, 2019 – Semester begins

<http://www.siue.edu/pharmacy/admission/application-cycle.shtml>

# Conditional Entry Program (CEP)

Incoming freshmen who enter SIUE directly from high school will be presented the opportunity to earn a PharmD degree through the SIUE School of Pharmacy **Conditional Entry Program (CEP)**.

**Students must apply for consideration to the program as high school seniors.**

Once accepted, the students in the CEP will be required to successfully complete two years of pre-professional study, achieve pre-defined academic criteria, and meet both CEP and professional standards before being granted admission to the four-year professional PharmD program.

<http://www.siue.edu/pharmacy/admission/conditional-entry.shtml>

# Conditional Entry Program

## Eligibility:

- All students who wish to be considered for the CEP must meet the minimum eligibility requirements for the Meridian Scholars Program at SIUE of ACT  $\geq 27$  or SAT  $\geq 1260$ .
  - <https://www.siu.edu/undergraduate/direct-entry-meridian/meridian-scholars-program.shtml>
- It is also preferred, but not required, that students have a high school GPA of 3.75 on a scale of 4.

It is important to note that ineligibility for CEP does not imply that a student is not qualified for School of Pharmacy admission. Other candidates for the PharmD program at SIUE are considered on a competitive basis through the traditional application process. Remember, the majority of all students in the program are admitted through the traditional application process.

# Conditional Entry Program Application

Students may apply to the Meridian Scholars Program and indicate either pharmacy or pre-pharmacy as an area of intended study on the undergraduate admissions application. The deadline for application through the Meridian Profile is Friday, Dec. 1, 2018.

On a competitive basis, candidates will be invited to apply and interview with the School of Pharmacy in February 2019. Upon completion of all interviews, the top candidates will receive a formal invitation to participate in the CEP.

# Conditional Entry Program Criteria

All three GPAs (cGPA, ppGPA, msGPA) must be maintained at a minimum of 3.5. All enrolled courses must be completed with a grade of “C” or better. Grades from repeated courses will not be used in computing GPAs.

AP and dual credit courses may be applied towards the completion of the pre-pharmacy curriculum but AP grades will not be included in GPA, GPA or GPA calculations.

The SIUE pre-pharmacy curriculum must be completed no later than the end of the second spring semester after entering SIUE in the fall as a freshman.

<http://www.siue.edu/pharmacy/admission/conditional-entry.shtml>

# Conditional Entry Program

All CEP participants must submit the requisite School of Pharmacy application materials (all items required for the traditional application process) through **PharmCAS** using the published application process and timeline.

All CEP participants must take the PCAT exam; however PCAT scores for CEP applicants will be used for tracking purposes only and will *not* figure into the CEP decision for PharmD admission.

All students must successfully complete the on-site interview and writing assessment during the traditional School of Pharmacy interview schedule.

Upon meeting all these requirements, participants will be admitted to the PharmD program and will occupy the first seats in the upcoming fall School of Pharmacy class.



# CEP Admissions – Important Dates

- December 2018 – Deadline for submitting Meridian Scholar Profile and undergraduate admissions applications. Indicate pharmacy or pre-pharmacy as area of intended study on undergraduate application.
- February 2019 – CEP candidates will be interviewed on campus.
- March 2019 – CEP decision will have been completed and successful candidates will be notified.
- May 2019 – Deadline to accept CEP and admission to SIUE
- Summer 2019 – CEP participants enroll in coursework at SIUE to start as freshmen in fall 2018.
- Summer/fall 2020 – Take PCAT and begin PharmCAS application.
- August 2021 – Enroll in School of Pharmacy.

# CEP Considerations

CEP does not have a “no compete clause,” a “contract that prevents you from exploring other opportunities,” or “early commitment deadline.” It is in your best interest to explore all options.

While CEP students must enroll directly from high school, dual credit and AP coursework may be applied towards completion of the pre-pharmacy program. Some early assurance programs require that the entire pre-pharmacy program be completed at the college/university regardless of prior coursework already performed.

# CEP Considerations

The pre-pharmacy coursework must be completed within two academic years but CEP does not mandate that the entire two years be used.

If a CEP student decides to change their area of intended study (i.e., major), they only forfeit their CEP status and not their academic standing in the university and/or any scholarships.

# CEP - FAQs

- What is the success rate? First 3-yr experience: 68% admitted into Pharmacy; 16% changed major; 16% other (examples: finish BS degree, withdraw from SIUE [5%], etc.)
- What if I am accepted as a CEP student but change my mind and decide to study a different major? Transfer to new advisor; no impact on scholarships or housing; no need to transfer institutions as long as SIUE offers the major
- What if I have enough academic credits to enter the university with advanced standing, do I have to wait the full two-years? No, but pre-pharmacy coursework must be complete prior to starting pharmacy program
- Why do you require the PCAT exam if the score is not used as part of the admission decision for CEP students? Initially, accreditation requirement; Now, it offers options to both the student and SOP.
- How many students are accepted each year? ~ 40-45

# Pre-Pharmacy Curriculum

Biology	Chemistry	Math/Stat/Physics	Additional Required Courses	Honors <sup>3</sup>	General Education <sup>3</sup>
BIOL 150-Introduction to Biological Sciences I	CHEM 121a and 125a- General Chemistry I and lab	MATH 150-Calculus OR MATH 145-Calculus for the Life Sciences	Either PSYC 111- Introduction to Psychology OR SOC 111- Introduction to Sociology	HONS 120-Big Questions and the Spirit of Inquiry AND HONS 121-Honors Rhetoric	ENG 101- Composition I ENG 102- Composition II
BIOL 151-Introduction to Biological Sciences II	CHEM 121b and 125b- General Chemistry II and lab	STAT 244-Statistics	Either ECON 111- Macroeconomics OR ECON 112- Microeconomics	HONS 250-Connections AND HONS 200-The World	ACS 101 or 103- Speech Communication
BIOL 240a-Anatomy and Physiology I	CHEM 241a-Organic Chemistry I	PHYS 131 and 131L- College Physics I and lab		HONS 320a-Problems in the Social Sciences <sup>2</sup> OR HONS 320b-Problems in Science & Technology <sup>2</sup>	RA 101- Reasoning and Argumentation
BIOL 240b-Anatomy and Physiology II	CHEM 241b and 245- Organic Chemistry II and lab				
BIOL 250- Bacteriology OR BIOL 350- Microbiology <sup>1</sup>				HONS 499 – Interdisciplinary Project	

1 Prerequisite for BIOL 350 is BIOL 220-Genetics

2 Topics will vary

3 CEP students must complete either the Honors Program or the General Education Courses. Students who are awarded the Meridian Scholarship must complete the Honors Program. All other CEP students may choose to apply to the Honors Program. Students who are not in the Honors Program must complete the General Education courses.

# Tips for Success

- Take AP or dual enrollment credit courses in high school.
- Take as many science courses as possible before taking the PCAT and this might include taking organic chemistry in the summer prior.
- Try to get pharmacy related experience.
- Community/volunteer experiences with an emphasis on health care environments is encouraged.

# Advising

We are always willing to talk with students and their families. Our goal is to provide you with the information that you need to make an informed decision. For questions, please contact us:

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