



**SOUTHERN ILLINOIS UNIVERSITY  
EDWARDSVILLE**

# **ACADEMIC INFORMATION SESSION**

**School of Pharmacy**

# OVERVIEW OF TODAY'S SESSION

- Career Overview
- Pre-Pharmacy Requirements
- School of Pharmacy Opportunities



# Pharmacists do that.

- Want to work on a specialized hospital floor?
- Want to run your own business?
- Want to do research?
- Want to work with animals?
- Want to work from home?



# Helping People in a Variety of Settings

Academic Pharmacist

Chain Drug Store/Community Pharmacist

Compounding Pharmacist

Critical Care Pharmacist

Drug Information Specialist

Home Care Pharmacist

Hospice Pharmacist

Hospital Staff Pharmacist

Industry-Based Pharmacist

Infectious Disease Pharmacist

Long-term Care Pharmacist

Managed Care Pharmacist

Military Pharmacist

Nuclear Pharmacist

Nutrition Support Pharmacist

Oncology Pharmacist

Operating Room Pharmacist

Pediatric Pharmacist

Pharmacy in a Grocery Chain

Pharmacy Benefit Manager

Poison Control Pharmacist

Primary Care Pharmacist

Psychiatric Pharmacist

Public Health Service Pharmacist

Regulatory Pharmacist

Veterinary Pharmacist





# Career Outlook

- 2023 Median Pay
  - \$136,030 per year
  - \$65.40 per hour
- Job Growth
  - +3% in 2022-23
  - Added 8,700 jobs in 2022-23

# Pathway to Pharmacy

## 2-4 Years (Pre-Pharmacy)

Most schools require around 60 credit hours  
Some schools require a bachelor's degree  
Depending on AP/Dual credit courses taken in college, could get done in less than 2 years

## 3-5 Years (Pharmacy School)

Depends on the curriculum of a given school  
Some schools are accelerated (3 years)  
Most are 4-year programs  
Some are 5-year programs

## Before Practice

You must pass a national exam before practicing  
Each state you practice in has a LAW exam that must be passed before you can practice  
There is also Federal Law that you are expected to know

## While Practicing

Depends on your desire for life-long learning, job requirements, interest and marketability  
Residency/Fellowship  
Other degrees/credentials

# Application Criteria

- PharmCAS Application
  - Cycle begins in July the year before you plan to begin pharmacy school
- GPA Calculations
  - Pre-Pharmacy: 2.75
  - Math and Science: 2.75
  - Most recent grade if retaken
- Letters of Evaluation
  - Applicants need two
- Interview
- Writing Assessment
- NO PCAT!
  - Will not be offered after current admissions cycle



# Pre-Pharmacy Course Requirements

## Math & Science Requirements

- Biology I & II
- Anatomy & Physiology I & II
- Microbiology
- Chemistry I & II
- Organic Chemistry I & II
- Physics I
- Calculus
- Statistics

## Additional Pre-Pharmacy Requirements

- English Composition I & II
- Speech Communications
- Psychology/Sociology
- Economics
- Philosophy



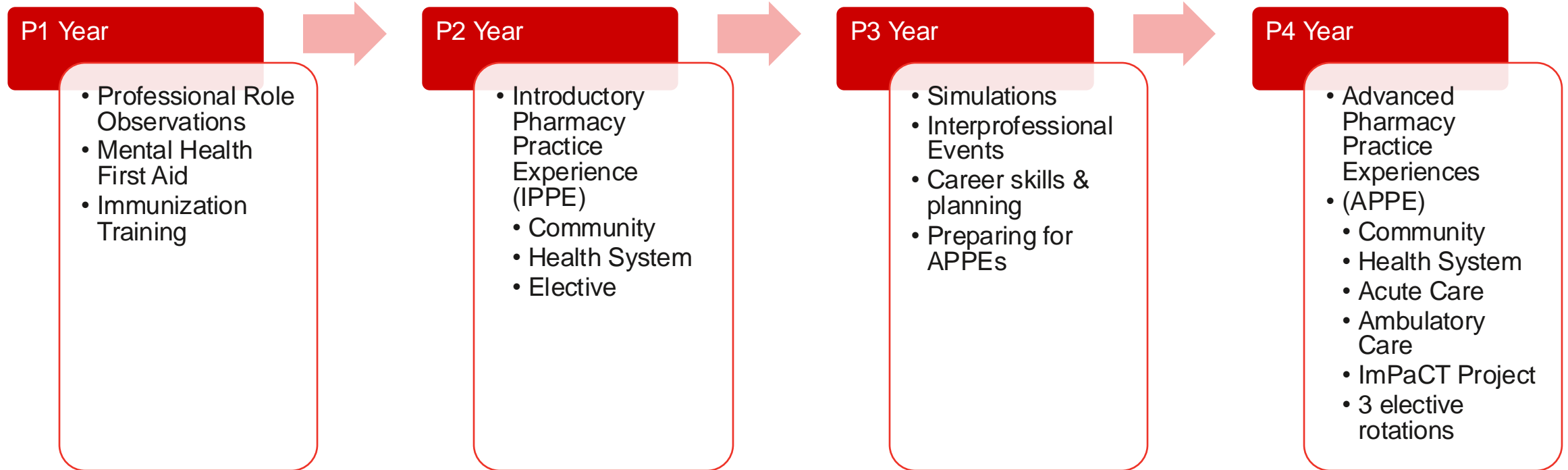
# P1 & P2 Curriculum

Fall Semester (2021) – P1	Spring Semester (2022) – P1
<p>(4) <b>PHPS 700 – Principles of Drug Action I</b>            (3) PHPS 702 – Biochemical Principles for Pharmacy            (2) PHPS 704 – Biopharmaceutics and Drug Delivery I            (3) PHAS 708 – Healthcare Systems            (2) PHPR 711 – Drug Information            (1) PHAS 716 – Ethical Issues in Health Care  <b>(1) PHPR 718A – Pharmacy Skills Lab I</b>            (2) PHEP 719A – Personal and Professional Development I  <b>18 Total Credits</b></p>	<p>(2) <b>PHPS 701 – Principles of Drug Action II</b>            (3) PHPS 705N – Biopharmaceutics and Drug Delivery II            (1) PHPS 707N – Pharmacy Calculations            (3) PHPR 710 – Biomedical Literature Evaluation            (3) PHPS 712 – Immunology and Immunization Training            (3) PHPR 713N – Self Care &amp; Alternative Medicines  <b>(1) PHPR 718B – Pharmacy Skills Lab II</b>            (1) PHEP 719B – Personal and Professional Development II  <b>17 Total Credits</b></p>
Fall Semester (2022) – P2	Spring Semester (2023) – P2
<p>(3) PHPS 720N – Pharmacokinetics            (2) PHAS 728N – Pharmacy Management I  <b>(4) PHPT 730A – Integrated Pharmacotherapeutics I</b>  <b>(4) PHPT 730B – Integrated Pharmacotherapeutics II</b>  <b>(2) PHPR 735N – Physical Assessment &amp; Patient Care Skills</b>  <b>(1) PHPR 738A – Pharmacy Skills Lab III</b>            (3) PHEP 739A – Personal and Professional Development III  <b>19 Total Credits</b></p>	<p>(2) PHPS 703 – Principles of Pharmacogenomics            (2) PHAS 709 – Healthcare and Financial Management  <b>(4) PHPT 730C – Integrated Pharmacotherapeutics III</b>  <b>(4) PHPT 730D – Integrated Pharmacotherapeutics IV</b>  <b>(1) PHPR 738B – Pharmacy Skills Lab IV</b>            (3) PHEP 739B – Personal and Professional Development IV            (2) PHPR 744 - Health Promotion &amp; Literacy  <b>18 Total Credits</b></p>

# P3 & P4 Curriculum

Fall Semester (2023) – P3		Spring Semester (2024) – P3	
(2) PHAS 733N – Pharmacy Law <b>(4) PHPT 750A – Integrated Pharmacotherapeutics V</b> <b>(4) PHPT 750B – Integrated Pharmacotherapeutics VI</b> (2) PHAS 756 – Pharmacy and Population Health <b>(1) PHPR 758A – Pharmacy Skills Lab V</b> (1) PHEP 759A – Personal and Professional Development V (5) Electives <b>19 Total Credits</b>		(1) PHEP 751 – Essentials of Research Application (2) PHAS 754 – Pharmacy Management II <b>(4) PHPT 750C – Integrated Pharmacotherapeutics VII</b> <b>(4) PHPT 750D – Integrated Pharmacotherapeutics VIII</b> <b>(1) PHPR 758B – Pharmacy Skills Lab VI</b> (1) PHEP 759B – Personal and Professional Development VI (5) Electives <b>18 Total Credits</b>	
Summer Semester (2024) – P4	Fall Semester (2024) – P4	Spring Semester (2025) – P4	
(6) PPHEP 780 – APPE (Community Pharmacy) (6) PHEP 781 – APPE (Hospital Pharmacy) <b>12 Total Credits</b>	(6) PHEP 782 – APPE (Ambulatory Care) (6) PHEP 783 – APPE (Acute Care/General Medicine) (6) PHEP 784 – APPE (Specialized Practice) <b>18 Total Credits</b>	(6) PHEP 784 – APPE (Specialized Practice) (6) PHEP 784 – APPE (Specialized Practice) (3) PHEP 789 – APPE (Senior Project: Research Application for Patient Care) <b>15 Total Credits</b>	

# Personal & Professional Development



# Common Electives

- Orientation to Teaching
- Pain & Palliative Care
- Pediatric Pharmacotherapy
- Adv. Infectious Diseases Pharmacotherapy
- Adv. Self-Care
- Acute Care Pharmacotherapy
- Spanish Language & Culture for Healthcare Professionals
- Precision Medicine
- History of Pharmacy Leadership
- Evolutionary Medicine







# Specializations & Concurrent Programs

- Specializations
  - Acute Care
  - Education
  - Pediatrics
- Concurrent Programs
  - Business Administration (MBA)
  - Health Informatics (MSHI)
  - Pharmaceutical Sciences (MSPS)
  - Public Health (MPH)
  - Public Administration (MPA)

QUESTIONS?



# **CONTACT US**

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