UNIVERSITY OF ARKANSAS AT LITTLE ROCK

Pre-Pharmacy Prerequisite Checklist

STUDENT:

ADVISORS: Dr. Anindya Ghosh (axghosh@ualr.edu) and Dr. Erin Flowers (eeflowers@ualr.edu)

UPDATED: October 2026 (UA Little Rock five-digit course numbers)

APPLYING TO: ☐ UAMS ☐ Harding ☐ Other **Applying in:**

This checklist is built around the **UAMS College of Pharmacy** prerequisites, which most Arkansas students follow, and it also lists Harding and nearby schools. You can apply to pharmacy school **without a bachelor's degree** after about 60 hours of prerequisites, and the **PCAT has been retired**, so no entrance exam is needed. Requirements change every year, so confirm on each school's website before you apply. **For advising, contact Dr. Ghosh (axghosh@ualr.edu); if he can't meet or is slow to respond, reach out to Dr. Flowers (eeflowers@ualr.edu).** We run the program together.

Tip: open this file in Adobe Acrobat Reader, Preview or your browser, click the boxes to check off courses, type in the fields, and save. You can update it at every advising meeting.

Part A. Pharmacy schools in Arkansas

	UAMS College of Pharmacy (Little Rock)	Harding University College of Pharmacy (Searcy)
Prerequisite hours	60 semester hours: 31 core + 9 selectives + 20 general electives	64 semester hours; you may apply after 30
Entrance exam	None (PCAT not required)	None
GPA	Minimum 2.5; 2026 entering class averaged 3.49	2.5 preferred; no grade below C in math or science
Letters	Two academic letters, or one committee letter; a pharmacist letter is encouraged	See school
Interview	On campus, by invitation; multiple mini-interview (MMI)	On site
Application	PharmCAS; 2026–27 deadlines: priority Oct 1, scholarships Dec 21, final Feb 1	PharmCAS; rolling admission until the class is full
Contact	copadmissions@uams.edu; 501-686-8889	pharmacy@harding.edu; 501-279-5205

UAMS rules to know: C or better in every prerequisite; no pass/fail (except 2019–21 COVID terms); AP, IB and CLEP accepted if on a college transcript; courses and labs may be online; each course counts for only one requirement. General Biology I and General Chemistry I with labs must be finished before an admissions decision, and everything else by the end of the spring before entry. **Financial aid:** you need 72 semester hours to receive graduate-level federal aid, so entering with exactly 60 hours limits aid in your first semester.

Nearby schools (all through PharmCAS; no PCAT):

School	Notes
UTHSC College of Pharmacy (Memphis, Nashville, Knoxville)	62 hours, including A&P I and II, calculus, statistics, speech and humanities; three letters

School	Notes
University of Louisiana Monroe	63 hours, including biochemistry, cell biology, economics and fine arts; courses older than 10 years not accepted
University of Mississippi	About two years of pre-pharmacy incl. calculus, statistics, speech, anatomy and physiology; GPA 2.75 minimum; Casper test required
University of Oklahoma	64 hours; GPA 2.5 overall and 3.0 in prerequisites; non-resident tuition waiver for admitted students
UMKC School of Pharmacy	No entrance exam; publishes a course-transfer sheet for Arkansas students

PharmCAS: the 2026–27 cycle opened July 9, 2026; fees are $180 for the first school and $60 for each additional. Apply early: UAMS's priority deadline is October 1.

Part B. Course checklist (UAMS College of Pharmacy)

Core courses: 31 hours, all required.

	Course (credit hours)	Prerequisite	Term / grade
☐	MATH 11003 College Algebra (3)	Placement	
☐	CHEM 13003 General Chemistry I (3) + CHEM 11001 Lab (1)	College Algebra or chemistry placement (see catalog)	
☐	CHEM 14203 General Chemistry II (3) + CHEM 14201 Lab (1)	General Chemistry I	
☐	CHEM 36053 Organic Chemistry I (3) + CHEM 36051 Lab (1)	General Chemistry II	
☐	CHEM 36203 Organic Chemistry II (3) + CHEM 36201 Lab (1)	Organic Chemistry I; Lab I required for Lab II	
☐	Biology I with lab: BIOL 10284 Biological Concepts I (4) or BIOL 10104 Science of Biology (4)	None	
☐	Biology II with lab, other than microbiology: BIOL 20504 Zoology (4) recommended	Intro biology	
☐	BIOL 20194 Microbiology (4)	Intro biology and a chemistry course	

Selectives: 9 hours from this list.

	Course (credit hours)	Prerequisite	Term / grade
☐	BIOL 24004 and 24104 Human Anatomy and Physiology I and II (4 each)	See catalog	
☐	CHEM 42133 Biochemistry I (3)	Organic Chemistry I and II with labs	
☐	BIOL 40694 Cell Biology (4) or BIOL 30883 Genetics (3)	See catalog	
☐	CHEM 21033 Analytical Chemistry I (quantitative analysis) or CHEM 37235 Physical Chemistry for the Life Sciences	See catalog	

	Course (credit hours)	Prerequisite	Term / grade
☐	MATH 21003 Introduction to Statistical Methods (3) or MATH 24004 Calculus I (4)	See catalog	
☐	PHYS 20103 College Physics I (3) + Lab (1)	See catalog	
☐	PHIL 10003 Introduction to Critical Thinking (3) or PHIL 33003 Logic (3)	See catalog	

General electives: 20 hours of your choice. Useful choices: ENGL 10103 and 10203 Composition, COMM 10073 Introduction to Communication (speech), PSYC 20043 Psychology, SOCI 10103 Sociology, economics, and humanities. These also cover common requirements at other schools.

	Course (credit hours)	Prerequisite	Term / grade
☐	General electives completed (record courses and hours)		

Experiences and plans

Item	Notes (hours, places, dates)
Pharmacy work or shadowing (community, hospital)	
Pharmacy technician certification	
Service, research and leadership	
Schools you plan to apply to	

Department and campus contacts

For more information on prerequisites and course content, transfer equivalencies, finding classes and connecting with professors (please keep Dr. Ghosh or Dr. Flowers informed):

Contact	Email	Ask about
Dr. Sinead Ni Chadhain, Biology Chair	snichadhain@ualr.edu	Biology courses and transfer equivalencies
Dr. Juliette Rivero, Chemistry	jxriverocas@ualr.edu	Chemistry courses and sequencing
Dr. Georgy Guisbiers, Physics	gxguisbiers@ualr.edu	Physics courses and sequencing
Office of Transfer Student Services	transfer@ualr.edu; 501-916-3273	Articulating courses from other colleges

Requirements were checked on the schools' websites in October 2026 and change every year; confirm each school's current requirements before you apply.