

**UAMS College of Pharmacy Prerequisite Courses**  
61 semester credit hours or 97 quarter credit hours

<b>CORE COURSES</b>		
<b>Course</b>	<b>UCA Courses</b>	<b>Semester Credit Hours</b>
College Algebra	MATH 1390	3
Chemistry 1 w/lab	CHEM 1450	4
Chemistry 2 w/lab	CHEM 1451	4
Organic Chemistry 1 w/lab	CHEM 2401	4
Organic Chemistry 2 w/lab	CHEM 3411	4
Biology 1 for majors w/lab	BIOL 1440	4
Biology 2 for majors w/lab	BIOL 1441	4
Microbiology w/lab	BIOL 2411	4
<b>NON CORE COURSES</b>		
*Selectives – Choose from: Anatomy (BIOL 2405), Physiology (BIOL 3411), Biochemistry (CHEM 4320), Cell Biology (BIOL 3402), Genetics (BIOL 2490), Quantitative Analysis (CHEM 3520), Physical Chemistry (CHEM 4450 or 4460), Calculus 1 (MATH 1496) or Appl. Calculus for Life Sci. (MATH 1491), Physics 1 (PHYS 1410 or 1440), Critical Thinking (PHIL 2305), Logic (PHIL 2310)		9
English Composition 1 or Academic Writing 1	WRTG 1310	3
English Composition 2 or Academic Writing 2	WRTG 1320	3
Public Speaking or Oral Communication	SPCH 1310 or 1300	3
Economics (any) or Accounting	ECON 1310, 2310, or ACCT 2310	3
Statistics	MATH 2311 or PSYC 2330	3
Psychology	PSYC 1300	3
Cultural Humanities- Choose from: World Cultures, World History, Anthropology, Sociology, Foreign Language, American Sign Language		3
<b>Total Semester Hours</b>		<b>61</b>

**UAMS Notes:** Courses may be used to satisfy requirements in one area only. All science courses and labs must be taken in person; otherwise, courses may be taken online. A maximum of 8 semester hours of CLEP, AP or IB credit, which must appear on the official transcript, will be accepted in core courses and 6 semester hours in non-core courses. One quarter credit hour is equivalent to 0.67 semester credit hours for conversion calculation.

Applicants applying for fall 2020 and 2021 (two years) will be exempt from the new requirements and may apply under the previous ones requiring 69 semester credit hours. For fall 2022 forward, all applicants will be expected to fulfill the new requirements.

\*For selective prerequisites, any of the listed courses will count, but courses are listed in order of recommendation for pharmacy college preparation.

Contact our Admissions Office at 501-686-8889 or copadmissions@uams.edu with any questions.