

## UAMS College of Pharmacy Prerequisite Courses

61 semester 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 or BIOL 3420	4
<b>NON CORE COURSES</b>		
*Selectives – Choose from: Anatomy & Physiology (BIOL 2405), Anatomy & Physiology II (BIOL 2410), 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	COMM 1300 or 1310	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.

\* 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.