

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

<b>CORE COURSES</b>		
<b>Course</b>	<b>UAF Courses</b>	<b>Semester Credit Hours</b>
College Algebra	MATH 1203 or higher	3
Chemistry 1 w/lab	CHEM 1103/1101L or 1203/1201L	4
Chemistry 2 w/lab	CHEM 1123/1121L or 1223/1221L	4
Organic Chemistry 1 w/lab	CHEM 3603/3601L or 3703/3702L	4
Organic Chemistry 2 w/lab	CHEM 3613/3611L or 3713/3712L	4
Biology 1 for majors w/lab	BIOL 1584 or BIOL 1543/1541L	4
Biology 2 for majors w/lab	BIOL 2323/2321L or BIOL 2533/2531L	4
Microbiology w/lab	BIOL 2013/2011L	4
<b>NON CORE COURSES</b>		
*Selectives – Choose from:		9
Anatomy	BIOL 2443/2441L	
Physiology	BIOL 2213/2211L	
Biochemistry	CHEM 3813 or 4813H & 4843H	
Cell Biology	BIOL 2533/2531L	
Genetics	BIOL 2323/2321L	
Quantitative Analysis	CHEM 2263/2261	
Physical Chemistry	CHEM 3453/3451L	
Calculus 1	MATH 2554	
Physics 1	PHYS 2013/2011L or	
Critical Thinking	PHIL 1003	
Logic	PHIL 2203	
English Composition 1 or Academic Writing 1	ENGL 1013	3
English Composition 2 or Academic Writing 2	ENGL 1023	3
Public Speaking or Oral Communication	COMM 1023, 1313, 2323, or 2343	3
Economics (any) or Accounting	ECON 2013, 2023, 2143 or ACCT 2013	3
Statistics	STAT 2303 or 2023	3
Psychology	PSYC 2003	3
Cultural Humanities- Choose from:		3
World Cultures	HUMN 2213/INST 2013/COMM 1023	
World History	HIST 1113 or 1123	
Anthropology	ANTH 1013/1022L or ANTH 1023	
Sociology	SOCI 2013	
Foreign Language	SPAN 1003, 1013, 2003, 2013 or other International language	
<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 semester credit hour is equivalent to .67 quarter credit hours for conversion calculation.

\*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](mailto:copadmissions@uams.edu) with any questions.