

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

<b>CORE COURSES</b>		
<b>Course</b>	<b>ASUJ Courses</b>	<b>Semester Credit Hours</b>
College Algebra	MATH 1203 College Algebra	3
Chemistry 1 w/lab	CHEM 1013, 1011 Gen Chem I and lab	4
Chemistry 2 w/lab	CHEM 1203, 1021 Gen Chem II and lab	4
Organic Chemistry 1 w/lab	CHEM 3103, 3101 Org Chem I and lab	4
Organic Chemistry 2 w/lab	CHEM 3113, 3111 Org Chem II and lab	4
Biology 1 for majors w/lab	BIOL 1303, 1301 Biol of Animals and lab	4
Biology 2 for majors w/lab	BIOL 2013, 2011 Biol of Cell and lab	4
Microbiology w/lab	BIOL 4104 Microbiology and lab	4
<b>NON CORE COURSES</b>		
*Selectives – Choose from: Anatomy, Physiology, Biochemistry, Cell Biology, Genetics, Quantitative Analysis, Physical Chemistry, Calculus 1, Physics 1, Critical Thinking, Logic		9
Choose from: BIOL 2203/2201 Human Anat/Physiology I and lab, BIOL 2223/2221 Human Anat/Physiology II and lab, CHEM 4243 Biochemistry, BIOL 4133/4131 Cell Biology and lab, BIOL 3013/3011 Genetics and lab, CHEM 3054 Quantitative Analysis, MATH 2204 Calculus I, PHYS 2054 Physics I and lab, PHIL 1503 Logic and Pract Reasoning		
English Composition 1 or Academic Writing 1	ENG 1003	3
English Composition 2 or Academic Writing 2	ENG 1013	3
Public Speaking or Oral Communication	SCOM 1203	3
Economics (any) or Accounting		3
Choose from: ECON 2313, ECON 2323, ECON 2333, or ACCT 2023		
Statistics	STAT 3233 Applied Statistics	3
Psychology	PSY 2013 Intro to Psychology	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 .67 semester 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 questions.