

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

CORE COURSES		
Course	JBU Courses	Semester Credit Hours
College Algebra	MTH 1113 College Algebra	3
Chemistry 1 w/lab	CHM 1124 General Chemistry I and lab	4
Chemistry 2 w/lab	CHM 1134 General Chemistry II and lab	4
Organic Chemistry 1 w/lab	CHM 3134 Organic Chemistry I and lab	4
Organic Chemistry 2 w/lab	CHM 3144 Organic Chemistry II and lab	4
Biology 1 for majors w/lab	BIO 1124 Cell Biology and lab	4
Biology 2 for majors w/lab	BIO 1144 Plant & Animal Diversity and lab	4
Microbiology w/lab	BIO 3334 Microbiology and lab	4
NON CORE COURSES		
*Selectives – Choose from: Anatomy, Physiology, Biochemistry, Cell Biology, Genetics, Quantitative Analysis, Physical Chemistry, Calculus 1, Physics 1, Critical Thinking, Logic (BIO 2174 Genetics, BIO 3174 Molecular Cell Biology, BIO 3314 Molecular Genetics, BIO 3514 Human Anatomy, BIO 3524 Human Physiology, CHM 3114 Advanced Analytical Chemistry, CHM 3164 Biochemistry I, CHM 3174 Biochemistry II, CHM 4124 Physical Chemistry – Thermodynamics, CHM 4134 Physical Chemistry – Quantum, MTH 1123 Survey of Calculus <i>or</i> MTH 1134 Calculus I, PHY 1114 Fundamentals of Physics I <i>or</i> PHY 2114 General Physics, RPH 2323 Logic)		9
English Composition 1 or Academic Writing 1 EGL 1013 English I, EGL 1083 Honors English I, <i>or</i> higher		3
English Composition 2 or Academic Writing 2 EGL 1023 English II, EGL 1093 Honors English II, <i>or</i> higher		3
Public Speaking or Oral Communication COM 2523 Public Speaking		3
Economics (any) or Accounting (ATG 2173 Principles of Financial Accounting, ECN 2003 Basic Economics, ECN 2113 Principles of Microeconomics, ECN 2123 Principles of Macroeconomics)		3
Statistics (MTH 2103 Applied Statistics for Scientists <i>or</i> MTH 3183 Probability and Statistics <i>or</i> PSY 2383 Statistics for the Behavioral Sciences <i>or</i> BUS 2193 Business Statistics)		3
Psychology (PSY 1013 Introductory Psychology, PSY 1093 Honors Introductory Psychology, <i>or</i> higher)		3
Cultural Humanities- Choose from: World Cultures, World History, Anthropology, Sociology, Foreign Language, American Sign Language (HST 1013 Western Civilization I <i>or</i> HST 1083 Honors Western Civilization I, HST 1023 Western Civilization II <i>or</i> HST 1093 Honors Western Civilization II, HST 2013 Integrated Humanities I <i>or</i> HST 2083 Honors Integrated Humanities I, HST 2013 Integrated Humanities II <i>or</i> HST 2093 Honors Integrated Humanities II, HST 2153 Twentieth Century World History, ICS 2113 Intercultural Communication, ICS 2123 Cultural Anthropology, SST 1113 Introduction to Sociology, SST 1133 Cultural Geography, LS 1113 Elementary Spanish I, LS 1123 Elementary Spanish II, LS 1213 Elementary French I, LS 1223 Elementary French II, LS 2113 Intermediate Spanish I,		3

LS 2123 Intermediate Spanish II, LS 2213 Intermediate French I, LS 2223
Intermediate French II)

Total Semester Hours

61

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 with any questions.