

University of Arkansas for Medical Sciences College of Pharmacy
Courses Satisfying Prepharmacy Requirements for Applicants for Fall 2008 and later
Arkansas Tech University, Russellville 2015-16 Catalog

CORE Courses Area/ semester hours required	Courses No more than 8 semester hours of CLEP, AP credit or credit by examination which must appear as credit on the transcript will be accepted to meet the CORE pre-pharmacy course requirements. It is recommended that CORE courses are taken during the regular academic year.
Mathematics – 3-5 hrs required	Math 2914 Calculus I
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	Chem 2124 Gen Chem I and lab Chem 2134 Gen Chem II and lab Chem 3254 Fund. Organic Chem I and lab Chem 3264 Mech. Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Biol 1114 Prin of Biol and lab Biol 2124 Prin of Zoology and lab Biol 3054 Microbiology and lab
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	Phys 2014 Phys Principles I and lab
NON-CORE Courses Area/semester hours required	Courses No more than 12 semester hours of CLEP, AP credit, or credit by examination which must appear as credit on the transcript will be accepted to meet the NON-CORE pre-pharmacy course requirements.
English/Communication – 9 hrs	Choose from: English 1013 and/or 1023 Comp I and II Eng 1043 or higher, any course Spch 1003 Intro Speech Commun
Economics/Accounting – 3 hrs	Choose from: Econ 2003 Prin of Econ I Acct 2003 Accounting Principles
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Chem 3245 Quantitative Analysis Math 2163 Intro Statistical Methods Math 2924 Calculus II Phys 2024 Phys Principles II and lab Phil 3103 Logic Biol 2014 Human Anatomy Biol 3074 Human Physiology Biol 3034 Genetics Biol 4033 Cell Biology Chem 3344 Biochemistry
Humanities Electives (to total 69 hrs of prepharmacy)	Choose from: Survey courses in Art, Music, Theater, Literature, Philosophy, Religion, Foreign or Sign Language (Spanish is recommended if available), Psychology, Sociology, Anthropology, Geography, US or World History, Political Science or Ethics.

Courses which do not meet the Humanities Elective requirement are courses in: Health, Physical Education, Business, Science, Military Science, Education, Studio courses in Art, Music or Theater, Computer Science, Agriculture or any remedial course.

No course can be used to satisfy the requirements in more than one area. It is recommended that all courses with a lab are taken in person rather than on-line or by distance education. University declared exemptions from certain courses, e.g. English Comp I and/or II, or other courses which may be pre-pharmacy requirements; do not mean the UAMS College of Pharmacy pre-pharmacy requirement has been satisfied. Admission to the College of Pharmacy requires sixty-nine hours of specific transfer credits and unless credits in semester hours are given on a transcript, students will still have to meet the pre-pharmacy requirements of transferable hours for admission to the College of Pharmacy. If you have questions about pre-pharmacy requirements, please contact the pre-pharmacy advisor on your campus or the UAMS College of Pharmacy Admissions (501-686-8889) or email: copadmissions@uams.edu.