

**University of Arkansas for Medical Sciences College of Pharmacy**  
**Courses Satisfying Prepharmacy Requirements for Applicants for Fall 2008 and later**

**John Brown University, Siloam Springs**

**2011-12 catalog**

<b>CORE Courses</b> Area/ semester hours required	<b>Courses</b> 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	MTH 1134 Calculus I
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	CHM 1124 Gen Chem I and lab CHM 1134 Gen Chem II and lab CHM 3134 Organic Chem I and lab CHM 3144 Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Bio 1124 Cell Biology Bio 2134 Animal Biology BIO 3334 Microbiology
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	PHY 2114 Physics I and lab
<b>NON-CORE Courses</b> Area/semester hours required	<b>Courses</b> 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: EGL 1013 English I, EGL 1023 English II, EGL 1083 or higher, any course or COM 2523 Public Speaking
Economics/Accounting – 3 hrs	Choose from: ATG 2173 Prin Fin Acct, ECN 2003 Basic Econ, ECN 2113 Prin Microecon or ECN 2123 Prin Macroecon
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Bio 2174 Genetics CHM 3114 Analytical Chem MTH 1144 Calculus II MTH 2103 Applied Statistics PHY 2124 General Physics II CHM 3164 Biochemistry BIO 3174 Molec Cell Biology BIO 3514 Human Anatomy BIO 3524 Human Physiology
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 Registrar's office (501-686-6499) or email: [orearkathym@uams.edu](mailto:orearkathym@uams.edu)

