

University of Arkansas for Medical Sciences College of Pharmacy
Courses Satisfying Prepharmacy Requirements for Applicants for Fall 2008 and later
University of Central Arkansas, Conway 2008-10 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 1591 Calculus I or Math 1491 Calculus Life Sciences
Chemistry – 16 hrs, 12 hrs lecture, 4 hrs lab	Chem 1450 Coll Chem I and lab Chem 1451 Coll Chem II and lab Chem 2401 Organic Chem I and lab Chem 3411 Organic Chem II and lab
Biology – 12 hrs, 9 hrs lecture, 3 hrs lab	Biol 1440 Prin Biology I and lab Biol 1441 Prin Biology II and lab Biol 2411 Microbiology and lab
Physics – 4 hrs, 3 hrs lecture, 1 hr lab	Phys 1410 Coll Physics 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: Wrtg 1310 Intro Coll Writing, Wrtg 1320 Acad Wrtg Eng 2305/Wrtg 3201 or higher, any course Spta 1300 or 1310, either speech course
Economics/Accounting – 3 hrs	Choose from: Econ 1310 Mod Pol Econ, Econ 2310 Glob Environ of Bus or Acct 2310 Prin Acct
Recommended Selectives – 9 hrs, minimum 3 classes	Choose from: Chem 3520 Quant Analysis Math 1592 Calculus II Math 2311/Psyc 2330 Statistics (courses are cross listed) Phys 1420 Coll Physics II and lab Phil 2310 Intro Logic or Phil 2305 Crit Think Chem 4320 Biochemistry Biol 4420 General Microbiology or Biol 3420 Microbiology Biol 2405 Human Anatomy & Physiology Biol 3411 Pathophysiology Biol 2490 Genetics Biol 3402 Cell Biol
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