Prepharmacy Checksheet – January, 2013

UCA Courses Satisfying Prepharmacy Requirements for Applicants to the University of Arkansas for Medical Sciences College of Pharmacy

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.

CORE courses (32 hours)

_______ Mathematics (4 hrs): Calculus: Math 1496 or Math 1491

Chemistry (16 hrs):
_______ Chem 1450, General Chemistry I
_______ Chem 1451, General Chemistry II
_______ Chem 2401, Organic Chemistry I
_______ Chem 3411, Organic Chemistry II

Biology (9 hrs)
_______ Biol 1440, Principles of Biology I
_______ Biol 1441, Principles of Biology II
_______ Biol 2411, Microbiology

Physics (4 hrs)
_______ Phys 1410, General Physics I

NON-CORE Courses (15 hours)

Writing (9 hrs)
_______ Wrtg 1310 Intro Coll Writing
_______ Wrtg 1320 Acad Wrtg
_______ Eng 2305/Wrtg 3201 or any higher writing course.

Economics/Accounting (3 hrs)
_______ Econ 1310 Mod Pol Econ
_______ Econ 2310 Glob Environ of Bus or
_______ Acct 2310 Principles of Accounting

Recommended Selectives – 9 hrs, minimum 3 classes Choose from:

Chem 3520 Quantitative Analysis, Math 1497 Calculus II, Statistics: Math 2311/Psyc 2330 (courses are cross listed), Phys 1420 Coll Physics II, Phil 2310 Intro Logic or Phil 2305 Critical Thinking, 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 Biology

Humanities Electives (7 hours - 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